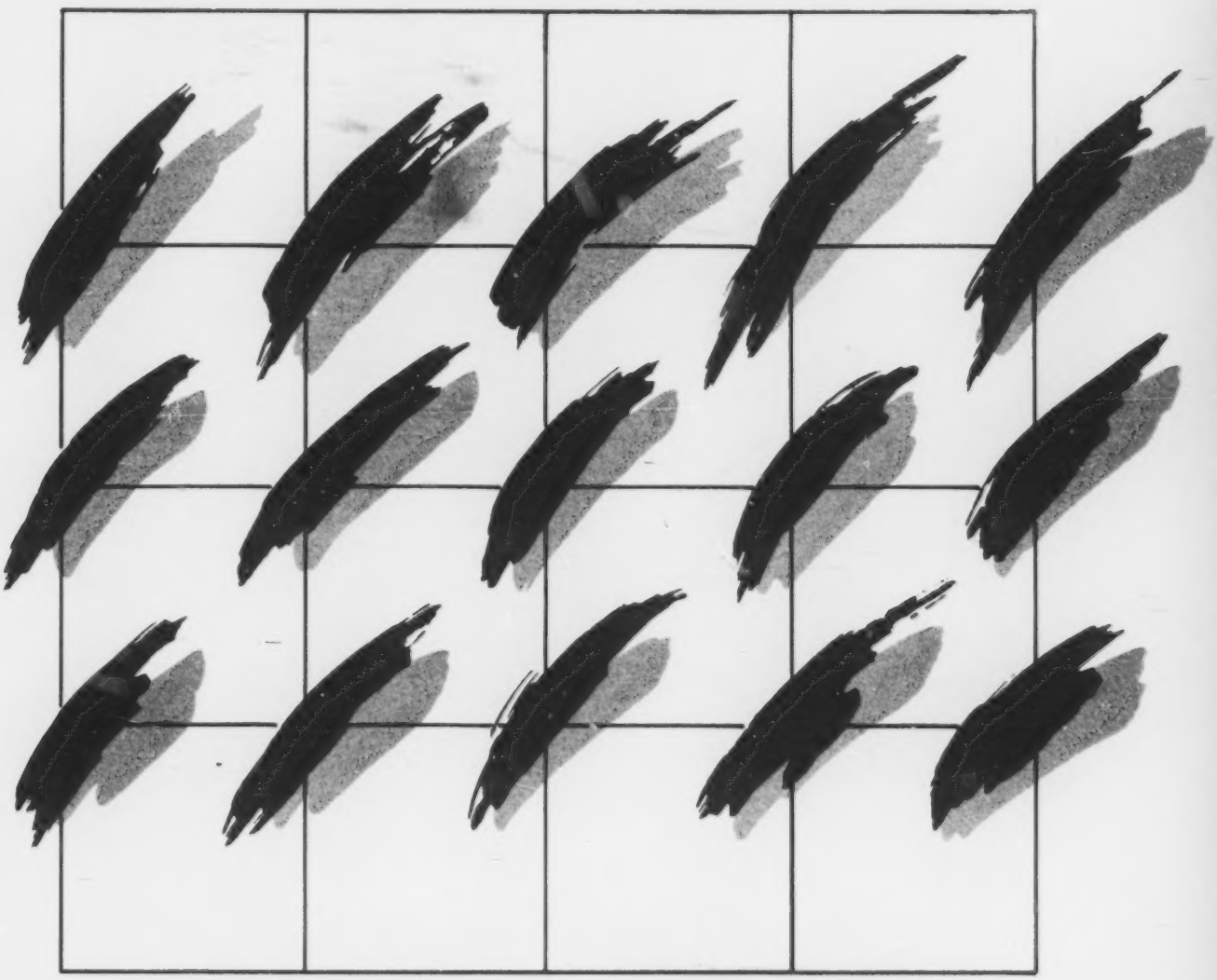
11/25/87 SS425-1

New Jersey ECONOMIC INDICATORS



THOMAS H. KEAN, Governor
State of New Jersey

CHARLES SERRAINO, Commissioner
New Jersey Department of Labor

NOVEMBER 1987

New Jersey ECONOMIC INDICATORS

Number 277 Based on data available through November 6, 1987

The Economic Situation in the Nation and the State 2

Comparisons of Economic Trends
New Jersey and the United States 6

Population Estimates for New Jersey
Counties and Municipalities: July 1, 1986 8

Economic Briefs 17

Statistical Section S-1

New Jersey Economic Indicators is published monthly and distributed without charge, to those wishing to receive it, by the New Jersey Department of Labor, Division of Planning and Research, C N 056, Trenton, N.J. 08625-0056. It is prepared with the cooperation of other State and Federal agencies. Material appearing here may be reprinted without permission, but it would be appreciated if appropriate credit was given.

THE ECONOMIC SITUATION IN

The Nation

The national economy remained on an expansionary path during the late summer and early autumn, with employment and income climbing to new highs and unemployment holding steady at about 6% of the civilian labor force. Weakness persists in both residential and nonresidential construction, and consumer spending has eased in recent weeks after spurting earlier because of auto sales promotions. The economy continues to be propelled upwards, however, by sustained growth in the service sectors and the stimulative impact of increased export demand and rising business outlays for new machinery and equipment.

September's output gains extended the current business expansion into its 58th month, the longest since the marathon 106-month advance that spanned most of the 1960s, and rounded out a fairly robust third quarter during which gross national product increased at an annual rate of 3.8%. The principal expansionary forces during the third quarter were accelerated business investment in plant and equipment, sharply higher consumer outlays for both durable goods (mostly new cars) and services, a further substantial gain in exports, and increased federal expenditures on defense and agricultural support programs. Homebuilding was essentially unchanged, after declining earlier in the year.

Third quarter growth would have been greater were it not for the fact that part of the expansion of consumer and business demand was siphoned off by sharply higher import outlays, partly because of price mark-ups for imported goods and partly because of substantial purchases of oil from abroad. Also, the mid-summer bulge in the demand for autos was met through drawing down excessive inventories and therefore did not translate into stepped-up production.

Plunging stock prices during October and the accompanying turmoil in financial markets both here and abroad have resulted in considerable uncertainty about the nation's near-term economic prospects. Prior to what has been dubbed "Black Monday," when on October 19 the Dow-Jones industrial average dropped more than 500 points, there was a fairly broad consensus among forecasters that at least another year of business expansion was in the offing. Homebuilding was expected to be down because of high apartment vacancy rates and rising borrowing costs, and consumer spending on big-ticket items was expected to be more subdued than in recent years because of high household debt levels. However, consumers were still expected to spend at a respectable pace and the economy was expected to receive a boost from both rising business investment and increased competitiveness in world markets thanks to the declining exchange value of the dollar.

Because of the possibility that October's developments could adversely affect consumer behavior and business investment plans, a number of economic prognosticators have been revising their growth forecasts for 1988 downward. They are doing so cautiously, however, in recognition of the fact that if economic policymakers can expe-

ditiously succeed in restoring confidence within the financial community and minimize the potential damage to consumer confidence, the pre-"Black Monday" moderate growth scenario--or close to it--could still become reality. Though the long-standing federal budget and trade deficits that have been brought into focus by the financial crisis cannot be fixed overnight, it may be possible to buy time if there is convincing evidence that long-run solutions are on the way. No one knows how this will all play out, but thus far most analysts are still betting on at least some moderate growth for the year ahead.

The State

The strong expansion of business activity, real estate development and infrastructure investment that has generated nearly one-half million jobs in New Jersey since the beginning of 1983 was still alive and well as the summer of 1987 drew to a close. Employment climbed to new highs in construction and the service sectors during September, and unemployment remained at a 17-year low of about 4%, a full two percentage points below the national average.

Barring a recession nationally, which is not in the short-term sights of most forecasters at this time, there is every reason to expect further economic growth and a continued tight labor market in the Garden State during the period immediately ahead. Recent declines of building permits and residential construction contract awards do point to a potential slowdown of homebuilding, but this negative signal is balanced by a very strong pace of nonresidential building plans. The service sectors, where many jobs are currently going begging because of labor shortages, can be expected to keep growing at a respectable pace despite some possible dampening effects of the recent stock market decline. Also, the state's manufacturing industries should stand to gain from the plummeting foreign exchange value of the dollar.

According to the latest survey of New Jersey business establishments and government agencies conducted by the N.J. Department of Labor, nonfarm wage and salary employment climbed by about 10,200 in September to reach a seasonally adjusted total of 3,567,000. This followed a pause in growth over the preceding several months attributable in part to labor supply constraints that had prevented employers from recruiting as many seasonal workers as they sought during the summer peak period. September's gains were spread over a broad range of industries, including business services, health care, social services, retail trade, wholesale trade, transportation and construction. Employment also picked up in the public sector, after falling short of seasonal expectations during the summer months.

Though employment growth has been retarded in New Jersey through much of 1987 because of labor market tightness, September's nonfarm employment total was up about 71,000 from the same month last year. Factory jobholding dropped over this period by about 14,500, but sizeable gains occurred in retail trade other than eating and drinking places (+17,500); construction (+14,200); business services (+10,900); finance, insurance and real estate (+10,400); health care (+8,300); wholesale trade (+6,100); and the remaining segments of the private service-producing sectors (+17,000).

It is noteworthy that there has been no increase over the past year in the number of workers on the payrolls of eating and drinking establishments, an industry that until two year ago had been growing at a rapid pace. The leveling off in this industry over the past two years is at least partly due to the tight labor market and is consistent with widespread reports of recruitment difficulties on the part of restaurants and fast food chains. .

The nation's modest rebound of hiring in manufacturing over the past year has thus far eluded New Jersey, where job losses since January have wiped out small gains recorded last fall and dropped employment to its lowest level since before World War II. As of September, factory jobholding in the Garden State totaled only about

674,300, down 129,400 from where it was prior to the recessionary period of 1980-1982. The employment change in this sector was negligible between August and September, however, and there is reason to expect that a long-awaited cyclical upturn may be near at hand. Though manufacturing is not seen as a significant source of new jobs over the long-run, New Jersey should share in at least some part of the national rebound currently being generated by rising orders for machinery and equipment and the improved foreign trade situation.

Aside from manufacturing, New Jersey's economic performance continues to compare very favorably with that of the nation as a whole. As indicated in the table that follows, employment in the state's booming construction industry climbed 8.6% from September 1986 to September 1987, while advancing only 0.6% nationally. New Jersey also exceeded national growth rates in all of the private service sectors except transportation and public utilities. For the private nonfarm economy as a whole, employment increased 2.3% in New Jersey, just fractionally shy of the nation's 2.5% expansion despite the state's continued difficulties in manufacturing. When New Jersey's slower-than-national population growth rate and the labor supply constraints imposed by its very low unemployment rate are taken into account, this has to be viewed as quite a favorable comparison.

EMPLOYMENT CHANGE,
September 1986-September 1987

	U.S.	N.J.
Total Nonfarm	+2.4%	+2.0%
Public Sector	***+1.5%***	***+0.2%***
Private Sector	***+2.5%***	***+2.3%***
Construction	+0.6%	+8.6%
Manufacturing	+1.3%	-2.1%
Trans./Utilities	+2.9%	+0.8%
Wholesale Trade	+1.3%	+2.4%
Retail Trade	+2.1%	+2.7%
Fin./Ins./Real Est.	+4.0%	+4.9%
Services	+4.1%	+4.3%

Other indicators offer a similar picture. Retail sales during the first eight months of 1987 were up from a year earlier by 6.3% in New Jersey in comparison with a 4.8% increase nationally. This is consistent with U.S. Commerce Department estimates that show personal income rising from the first half of 1986 to the first half of 1987 by 6.5% in New Jersey and only 5.5% in the nation as a whole. Also, the number of business failures during the first seven months of the year dropped 10% in New Jersey in the face of a 6% increase across the nation. This continues the pattern of 1986, when the annual total of bankruptcies declined 8% in the Garden State while climbing 7% nationally.

One potential soft spot for the state's economy during the period ahead is homebuilding, which has enjoyed a very substantial expansion over the past five years and is still running at or near a record pace. The dollar volume of residential construction contract awards during the first nine months was down 12% from a year earlier and, based on cumulative data available through August, the number of new housing units authorized by building permits has dropped 9%. All of the contraction of building permits has been in the single family home category, where authorizations are down 13%. It would appear that New Jersey, like the nation, is in for some slowdown in this segment of the construction industry.

In contrast, the state's boom in office, commercial and other nonresidential building activity shows no sign of easing. During the first nine months, nonresidential construction contracts for New Jersey projects exceeded their volume of a year earlier by 14%. Awards for heavy engineering projects (such as roads, utilities and other types of infrastructure) also remain at a very high level, with the year-to-date total off just 1.7% from its 1986 record high. Continued strength in these components of construction should cushion the impact of declining housing starts and sustain employment in this industry at close to its current record level.

One industry that will be watched closely by analysts in the wake of the recent difficulties in financial markets is financial services, whose substantial employment gains of recent years are expected to subside. Within New Jersey, the number of security and commodity brokers, dealers and related financial service operations

climbed from 324 to 521 between 1979 and 1986, nearly tripling the industry's employment rolls from about 4,600 to more than 13,000. This industry's rapid expansion has undoubtedly also contributed in at least some degree to job gains in other business service activities. Belt-tightening by financial establishments could dampen growth not only of their own payrolls but also of those in some of these support services.

The stock market decline has cast something of a shadow over the nation's economic outlook and caused some forecasters to lower their growth expectations for the year ahead. The prevailing view, however, is that at least modest expansion will continue. If this proves to be the case, the New Jersey economy should still be able to generate enough jobs to keep up with projected labor force growth of about 55,000 to 65,000 and hold its unemployment rate near its current 4% level--especially considering the reservoir of unfilled openings that already exists in the service sectors. Though homebuilding is likely to recede and the pace of job creation could ease in financial and some business service activities, these negatives should be balanced by continuation of the heavy volume of nonresidential building to which developers are already committed and a stabilization or possible upturn of employment in manufacturing.

COMPARATIVE ECONOMIC INDICATORS NEW JERSEY AND UNITED STATES

New Jersey Data (Seasonally Adjusted) Latest Month	Month Ago	Year Ago	Data For	Series	Page No.	Year to Date Percent Change From Year Ago N.J.	U.S.
$149,872	$147,422	$140,625	2nd Qtr.	Personal Income (millions)**		+ 6.5	+5.5
$4,785	$4,617	$4,382	Aug	Retail Sales (millions)	S-22	+ 6.3	+4.8
2,475	2,871	2,787	Jul	New Business Incorp. (number)	S-16	- 2.8	-0.8
93	71	81	Jul	Business Failures (number)	S-16	-10.4	+5.9
2,641	3,073	3,570	Aug	Dwelling Units Authorized (number)	S-20	- 8.8	-11.8
$724.1	$790.3	$932.9	Sep	Construction Contracts (millions)	S-18	- 1.4	+2.3
$297.8	$360.8	$323.2	Sep	Residential	S-18	-11.8	-1.4
$301.4	$295.6	$453.9	Sep	Nonresidential	S-18	+14.1	+4.3
$124.9	$133.9	$155.7	Sep	Nonbuilding*		- 1.7	+9.1
3,567.0	3,556.8	3,497.2	Sep	Nonfarm Payroll Employment (thous.)	S- 8	+ 2.6	+2.4
674.3	674.7	689.0	Sep	Manufacturing (thousands)	S-10	- 1.3	-0.2
2,892.7	2,882.1	2,808.2	Sep	Nonmanufacturing (thousands)		+ 3.5	+2.9
176	171	189	Sep	Total Unemployment (thous.) official	S- 4	-18.9	- 8.9
4.5	4.3	4.8	Sep	Percent of Labor Force official	S- 6	- -	- -
72.6	74.7	85.1	Sep	Insured Unemployment (thousands)	S-24	-13.2	INA
2.2	2.2	2.6	Sep	Percent of Covered Employment	S-24	- -	- -
40.7	41.0	41.1	Sep	Average Factory Workweek (hours)	S-12	-0.1	+0.4
$10.54	$10.49	$10.15	Sep	Average Factory Hourly Earnings*	S-33	+ 3.2	+1.7
$430.03	$427.99	$418.18	Sep	Average Factory Weekly Earnings*	S-31	+ 3.1	+2.1

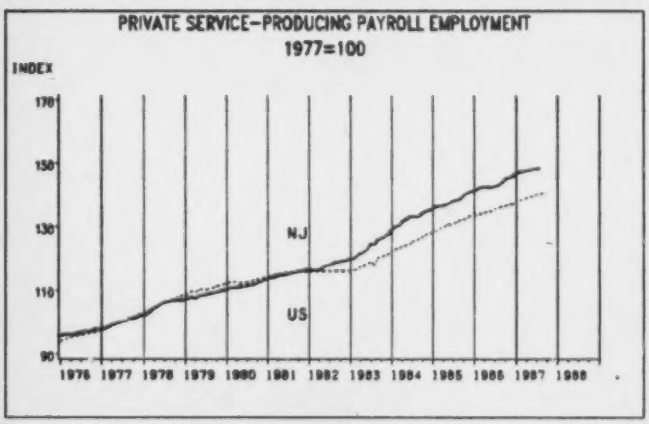
See pages S-1 to S-3 for data notes on all the above listed series.

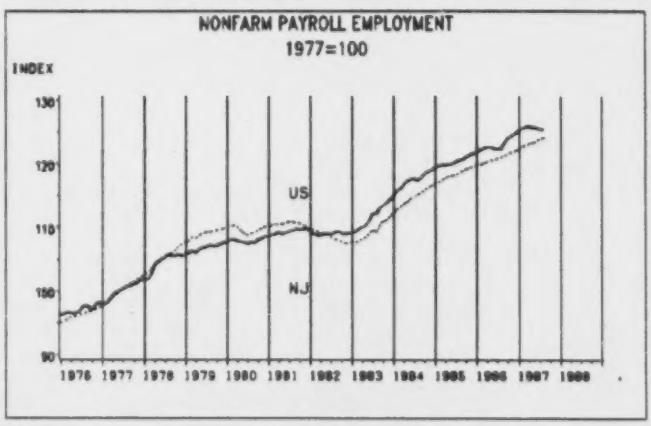
* Not seasonally adjusted

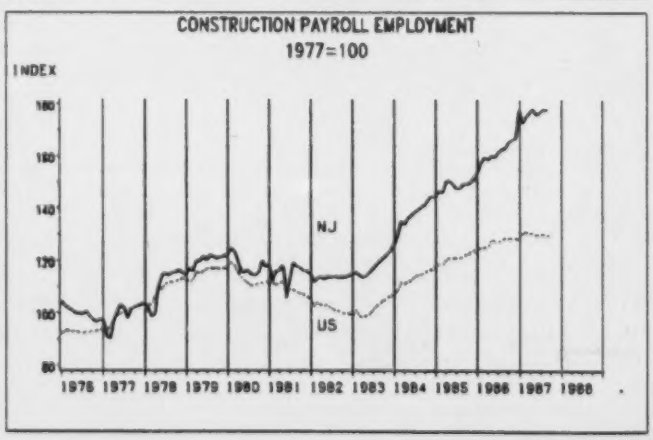
** (Latest Month-2nd Qtr. '87) Month Ago-1st Qtr. '87) (Year Ago-2nd Qtr. '86)

INA- Information Not Available

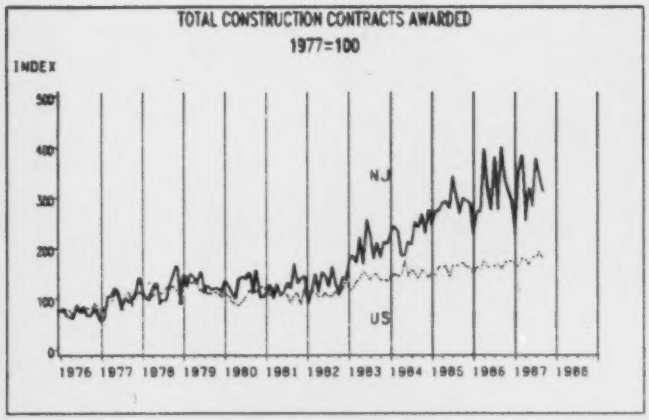
Comparisons of Economic Trends In New Jersey and the United States

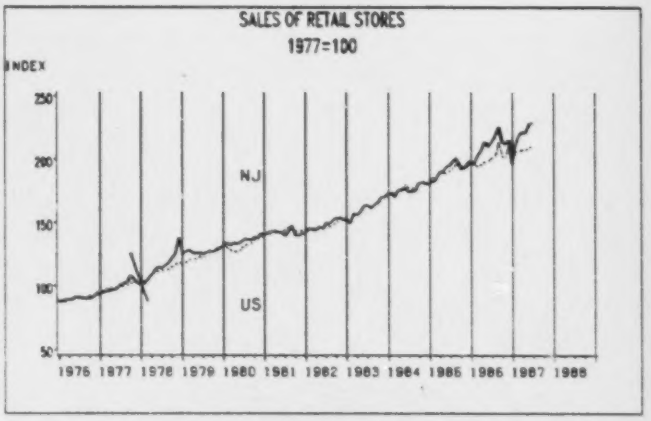


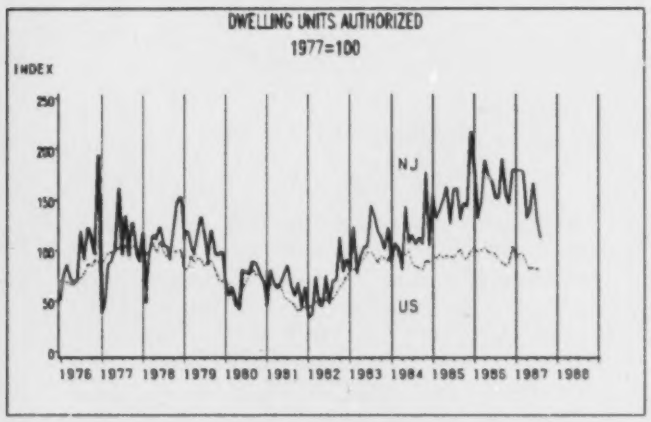


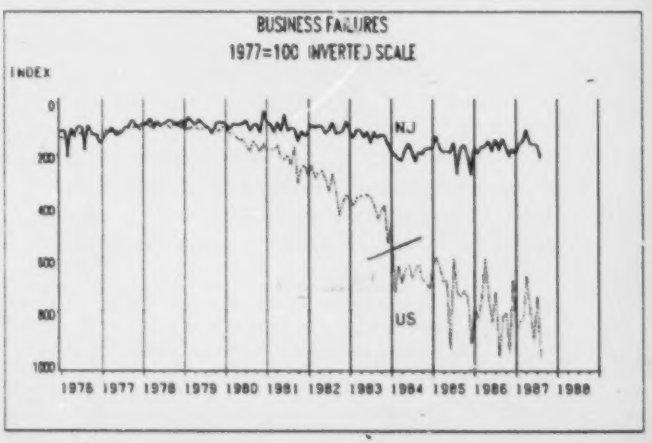


All data in the charts on these two pages have been seasonally adjusted and indexed to a 1977 base with one exception. Data on the unemployment rate is presented in actual units. The advantage of using an index is that it facilitates comparisons between the State AND THE NATION.









Population Estimates for New Jersey Counties and Municipalities July 1, 1986

by Alfred Tozier
Office of Demographic and Economic Analysis

Population growth in New Jersey is continuing to gather strength as the 1980s progress. According to provisional estimates recently released by the New Jersey Department of Labor, the state's resident population reached 7,620,000 as of July 1, 1986. The figures indicate an increase of more than a quarter million persons from 1980 to 1986 (almost 3.5%), which is some 60,000 higher than the total increase for the entire 1970-1980 decade.

The provisional 1986 estimates for New Jersey, including estimates for the 21 counties and 567 municipalities, were published in *Official State Estimates - Population Estimates for New Jersey: July 1, 1986*. Revised estimates for 1984 and 1985 accompany the 1986 figures. The latest edition of these "Official State Estimates" also features provisional 1986 state and county estimates for broad age groups, and for New Jersey's metropolitan areas.

Population estimates for New Jersey are prepared and published annually by the State's Department of Labor, in cooperation with the U. S. Bureau of the Census.

STATE ESTIMATES

New Jersey's resident population is growing twice as fast in the 1980s as it did in the 1970s. Since the last census, the state's average annual rate of population increase has been 0.54%, whereas the yearly rate from 1970 to 1980 was just 0.27%. The 255,000 increase from 1980 to 1986 was far more than the state's gain of less than 194,000 in the entire preceding decade.

What is more, the rate of growth has been quickening from year to year. The chief stimulus to new Jersey's recent upsurge has been positive net migration, meaning that in-migrants have exceeded out-migrants. From 1980 to 1986, an estimated 59,000 more persons have moved into the state than moved out. Quite the opposite occurred in the 1970s, when the state experienced a net out-migration flow estimated at about 119,000 persons for the 10-year period.

The pace of the increase in net in-migration has paralleled the pace of overall population growth, as Table 1 demonstrates. During the early years of this decade, while the state (and the

nation) were beset with economic recessions, New jersey's growth rate remained low. However, since 1982 the percent increase in population has risen each year. From 1985 to 1986, the population of New Jersey moved upward by 0.78%, and is approaching the rate of growth for the United States as a whole (at 0.98%).

This recent vigor in population growth, while impressive in comparison with the sluggish 1970s is extremely modest when compared with the generation following World War II. Between the 1940 and 1970 censuses, New Jersey's total population grew by more than three million persons, due mainly to the baby-boom births, but abetted by very considerable net in-migration as well. The net population influx of the 1940-1970 period was estimated at about 1,360,000 persons, while natural increase for the 30 years totalled about 1,650,000.

New Jersey's claim to being the most densely populated state is in no danger of being challenged. As of the 1986 estimate, the Garden State featured an overall average of about 1,017 persons per square mile. Rhode Island remains a distant second at 929. And New Jersey's status as the ninth-ranking state in total population size continues unchanged. Michigan with 9,145,000 persons is still in eight place, and North Carolina at 6,331,000 is still tenth.

COUNTY ESTIMATES

The geographic population changes that have emerged since 1980 have become more pronounced in the past couple years. They feature continued high growth rates along the Atlantic coast, a stabilization of the previously declining counties of the urban northeast and a dramatic resurgence of population growth in portions of central New Jersey.

The coastal counties (Monmouth, Ocean, Atlantic and Cape May) continue to lead the state in population growth, although the rate of growth, especially in Ocean and Cape May, has slowed since the 1970s. As a group, the four counties experienced a total increase of about 109,000 persons from 1980 to 1986, a rise of almost 10% in the six years. Some 43% of New Jersey's statewide increase occurred in these four counties alone.

While growth in Ocean County did not match the rate of increase experienced in the last decade, it was still the fastest-growing county in both numerical and percentage terms, with a six-year increase of about 47,600 persons (13.7%). the trend was similar for Cape May, which placed second in rate of growth at 12.1% on a much smaller base. The other two seashore counties, Monmouth and Atlantic, ranked fourth and sixth in percentage increase at 7.8% and 6.3%, respectively.

The primary impetus to the population growth of the 1980s in the coastal counties was net in-migration, with all four gaining substantial numbers of new residents. All told, almost 95,000 of the total increase was attributable to persons moving into those counties, compared to a natural increase of 14,000.

The greatest resurgence of growth relative to the 1970s occurred in the central portion of the state, composed of Middlesex, Mercer, Somerset and Hunterdon counties. Hunterdon ranked third among all counties in rate of growth (10.4%) and Middlesex ranked fifth at 6.8%. This four-county group increased its total population by about 76,000 (about 6.4%), with slightly more than half the growth attributable to net in-migration. Much of this growth can be identified with the Route One Corridor, which has come to symbolize the economic and demographic recovery of the state.

The pattern of population change in the five heavily urbanized counties of northeastern New Jersey continued to show a degree of stability, in contrast to the 1970s, when they declined substantially. Small population declines continued in three counties from 1980 to 1986, according to the latest estimates. But for all three--Bergen, Essex, Hudson--the rate of loss was much lower than from 1970 to 1980. Together, these counties declined by less than 1%, whereas in the 1970s they lost 7.5%. The other two counties in this area, Passaic and Union, have turned from population-loss status in the 1970s to population gains, although they are rather modest gains.

The changing net-migration pattern is the primary explanation for the differences seen in this decade. From 1970 to 1980, the five-county area experienced a net out-migration estimated at almost 347,000, or some 10% of its 1970 population base. Although all five counties are still "exporting" population, their net out-migration

from 1980 to 1986 numbered only about 76,000 altogether, or just over 2% of its 1980 population base. Thus, the five northeastern counties appear to be retaining more of their current residents and/or attracting new ones.

MUNICIPAL ESTIMATES

The 1980s trends in the urbanized counties reflect the patterns of their big cities. Almost all the major metropolitan centers have exhibited a markedly different degree of change in the 1980s. Newark, East Orange, Jersey City, Bayonne, Trenton and Camden still were falling in population through mid-1986, but their rates of decline were fractions of what they had experienced in the 1970s (and for most of them, the 1960s and 1950s as well). Other major cities--notably Paterson, Clifton, Passaic, Elizabeth, Union City and Vineland--reversed their population losses of the 1970s and have increased somewhat since 1980. While none of them have grown by substantial numbers, they at least show a type of overall population stability that some of them have not seen for decades.

Not surprisingly, most of the fastest-growing municipalities are in the fastest-growing counties. Two very different types of areas are among this group. One type is on the developing suburban fringe of the large metropolises, beyond the older post-World-War II suburbs (which themselves often are declining in population now). The other type lies along the Atlantic coast, usually located somewhat inland of the coastal, resort communities.

Examples of the first type would include such places as Edison Township in Middlesex County and Evesham Township in Burlington County. Edison's estimated 1980-1986 population increase was the largest of any New Jersey municipality, at about 11,700 persons (or 16.7%). It moved up to ninth place in population size, passing East Orange and Clifton. Evesham grew by almost 7,200 in the six years (33.3%).

Examples of the second type include Berkeley, Brick and Dover townships in northern Ocean County. Their combined estimated population increased by a total of more than 23,000.

New Jersey's fastest-growing municipality in percentage terms was Plainsboro Township (Middlesex County), whose 1980-1986 population growth rate was about 90%. Plainsboro now has passed the 10,000 level in population. In 1980, it had 5,605 residents, and in 1970 only 1,648. Behind Plainsboro in percentage increase were Bedminster Township (in Somerset County), Westampton Township (Burlington County) and Voorhees Township (Camden County), all of which grew by more than 50% in the six-year period.

ESTIMATES OF AGE GROUPS

Following an innovation introduced last year, the latest estimates publication contains updated estimates of state and county population for selected age categories: under 5 years old, 5-17 years, 18-64 years and 65 and older. Estimates of the elderly population have been prepared for many years, based on Medicare enrollments that are tabulated as of July 1 each year. Estimates of the two young age groups were attempted for the first time last year, and have been updated for 1986. The broad "middle" group spanning the 18-64 range is estimated as the residual county population after accounting for the pre-schoolers, the school-aged children, and the elderly. For each age group, the county estimates are adjusted to a controlling statewide estimate prepared by the Census Bureau (for all states).

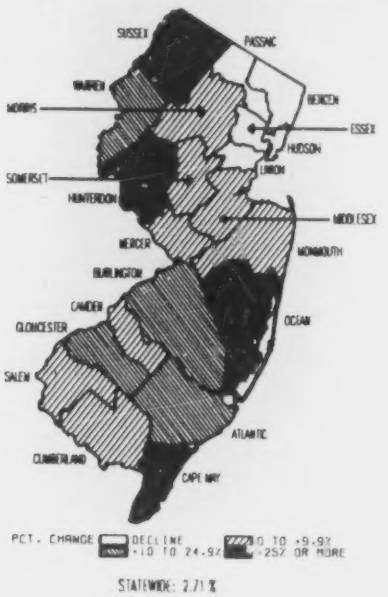
The elderly population of New Jersey continues to be a rapidly growing age group. From 1980 to 1986, the number of persons 65 and older increased by about 121,000, or 14.1%, compared with the overall 3.5% growth rate for the total population. As of July 1, 1986, more than one resident in eight was a senior citizen. In Ocean County, it was almost one in four. Ocean (+19,300), Middlesex (+16,300) and Bergen (+14,100) counties were estimated to have the largest elderly population increases, with the three counties combined accounting for more than 40% of the state's total rise. Every other county's elderly population increased by at least 1,000 persons, except for Atlantic County's, which hardly changed at all.

At the other end of the spectrum, the under-5 population posted a 7.6% rise over the 1980-1986 period, growing by an estimated 35,000 persons. Almost all counties shared in the statewide increase, with Middlesex (+4,900), Camden

(+4,000), and Monmouth (+3,500) leading the way. Salem County had virtually no change in its preschool-aged population, and Essex was estimated to have declined very slightly.

As for the school-aged population, regarded as persons 5 to 17 years old, the number declined by 196,000 from 1980 to 1986, a drop of 12.8%. This group decreased in every county, by as little as 800 in Cape May, but by as many as 30,900 in Bergen. The decline in this cohort is a consequence of the drop in fertility rates that followed the postwar baby boom. Low birth levels persisted in New Jersey from the late 1960s to the early 1980s. The recent increase in numbers of births (reflected in the rise of the under-5 population discussed in the preceding paragraph) does not signify a rise in fertility rates, but simply reflects the fact that the enormous numbers of baby-boom babies are now becoming moms and pops. Thus, the decline in the 5-17 age group is likely to slow down soon and then may start to move upward again. *(See tables that follow.)*

CHANGE IN COUNTY POPULATION, 1970-1980



CHANGE IN COUNTY POPULATION, 1980-1986

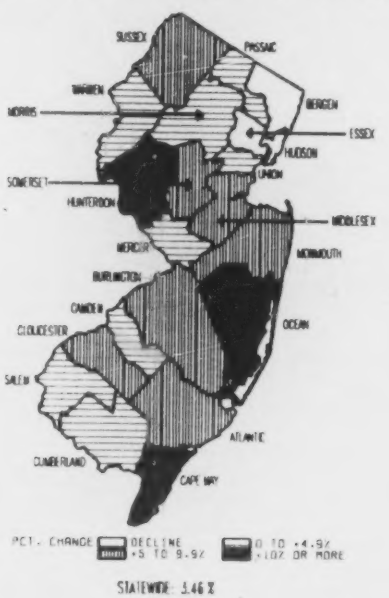


Table 1
NEW JERSEY POPULATION ESTIMATES, 1980-1986*

YEAR	TOTAL POPULATION	ANNUAL CHANGE NUMBER	ANNUAL CHANGE PERCENT	COMPONENTS OF ANNUAL CHANGE: NATURAL INCREMENT	NET MIGRATION	MIGRATION PERCENT
1980	7,365,011					
1981	7,406,000	41,000	0.56	35,000	6,000	0.08
1982	7,428,000	22,000	0.30	30,000	-8,000	-0.11
1983	7,464,000	36,000	0.48	30,000	6,000	0.08
1984	7,511,000	47,000	0.63	31,000	16,000	0.21
1985	7,561,000	50,000	0.66	33,000	16,000	0.21
1986	7,620,000	59,000	0.78	36,000	23,000	0.30

* Population for 1980 is the census count as of April 1. Population for 1981 through 1986 is estimated as of July 1 of each year. The estimate for 1986 is provisional, while those for 1981-1985 are revised.

The "year" between 1980 and 1981 is actually 1.25 years, for the period from April 1, 1980 (census day) to July 1, 1981 (the estimate date).

Table 2
RESIDENT POPULATION OF NEW JERSEY COUNTIES

County	U.S. Census April 1, 1970	U.S. Census April 1, 1980	Estimated* July 1, 1986 (P)	Percent Change, 1970-1980 Total	Percent Change, 1970-1980 Annual Avg.	Percent Change, 1980-1986 Total	Percent Change, 1980-1986 Annual Avg.
STATE TOTAL	7,171,112	7,365,011	7,620,000	2.71	0.27	3.46	0.54
Atlantic County	175,043	194,119	206,300	10.90	1.03	6.28	0.98
Bergen County	897,148	845,385	836,900	-5.77	-0.59	-1.00	-0.16
Burlington County	323,132	362,542	382,500	12.20	1.15	5.49	0.86
Camden County	456,291	471,650	492,900	3.37	0.33	4.50	0.70
Cape May County	59,554	82,266	92,200	38.14	3.23	12.05	1.82
Cumberland County	121,374	132,866	136,500	9.47	0.90	2.70	0.43
Essex County	932,526	851,304	843,900	-8.71	-0.91	-0.87	-0.14
Gloucester County	172,681	199,917	210,700	15.77	1.46	5.40	0.84
Hudson County	607,839	556,972	551,800	-8.37	-0.87	-0.93	-0.15
Hunterdon County	69,718	87,361	96,500	25.31	2.26	10.44	1.59
Mercer County	304,116	307,863	322,500	1.23	0.12	4.74	0.74
Middlesex County	583,813	595,893	636,200	2.07	0.20	6.77	1.05
Monmouth County	461,849	503,173	542,400	8.95	0.86	7.81	1.20
Morris County	383,454	407,630	418,500	6.30	0.61	2.67	0.42
Ocean County	208,470	346,038	393,600	65.99	5.07	13.75	2.06
Passaic County	460,782	447,585	461,500	-2.86	-0.29	3.12	0.49
Salem County	60,346	64,676	65,500	7.18	0.69	1.21	0.19
Somerset County	198,372	203,129	215,200	2.40	0.24	5.94	0.92
Sussex County	77,528	116,119	122,800	49.78	4.04	5.76	0.90
Union County	543,116	504,094	504,700	-7.18	-0.75	0.11	0.02
Warren County	73,960	84,429	86,600	14.15	1.32	2.57	0.41

(P) Provisional estimates.

* The state estimate is shown to the nearest thousand and county estimates to the nearest hundred.

Table 3
RESIDENT POPULATION OF NEW JERSEY COUNTIES, AND ESTIMATED NET MIGRATION: 1970-1980, AND 1980-1986*

County	U. S. Census 1970	U. S. Census 1980	Population Change, 1970-1980 Total	Nat. Incr.	Net Migr.	Provisional Est. 7/1/86	Population Change, 1980-1986 Total	Nat. Incr.	Net Migr.
STATE TOTAL	7,171.1	7,365.0	193.9	313.0	-119.0	7,620.0	255.0	196.0	59.0
Atlantic County	175.0	194.1	19.1	1.4	17.7	206.3	12.2	3.1	9.1
Bergen County	897.1	845.4	-51.8	14.0	-65.8	836.9	-8.5	6.9	-15.5
Burlington County	323.1	362.5	39.4	28.1	11.3	382.5	19.9	16.7	3.2
Camden County	456.3	471.6	15.4	28.9	-13.6	492.9	21.2	21.2	0
Cape May County	59.6	82.3	22.7	-2.0	24.8	92.2	9.9	-0.2	10.0
Cumberland County	121.4	132.9	11.5	9.0	2.5	136.5	3.6	4.9	-1.2
Essex County	932.5	851.3	-81.2	39.6	-120.8	843.9	-7.4	23.3	-30.7
Gloucester County	172.7	199.9	27.2	12.5	14.7	210.7	10.8	9.1	1.7
Hudson County	607.8	557.0	-50.9	20.2	-71.1	551.8	-5.2	15.0	-20.2
Hunterdon County	69.7	87.4	17.6	3.7	13.9	96.5	9.1	3.3	5.9
Mercer County	304.1	307.9	3.7	13.7	-10.0	322.5	14.6	8.5	6.1
Middlesex County	583.8	595.9	12.1	32.9	-20.8	636.2	40.3	19.6	20.7
Monmouth County	461.8	503.2	41.3	19.9	21.4	542.4	39.3	11.1	28.1
Morris County	383.5	407.6	24.2	24.0	0.2	418.5	10.9	13.2	-2.3
Ocean County	208.5	346.0	137.6	7.3	130.3	393.6	47.6	0.1	47.4
Passaic County	460.8	447.6	-13.2	24.9	-38.1	461.5	14.0	15.7	-1.8
Salem County	60.3	64.7	4.3	3.2	1.2	65.5	0.8	1.8	-1.0
Somerset County	198.4	203.1	4.8	8.6	-3.8	215.2	12.1	6.2	5.9
Sussex County	77.5	116.1	38.6	8.3	30.3	122.8	6.7	6.2	0.5
Union County	543.1	504.1	-39.0	11.9	-50.9	506.7	0.6	8.1	-7.5
Warren County	74.0	84.4	10.5	2.8	7.6	86.6	2.2	2.3	-0.1

* All population figures are in thousands, so county data may not add precisely to State totals. Population estimates for 1986 are provisional, with the State estimates rounded to the nearest thousand persons and county estimates to the nearest hundred.

Table 4
ESTIMATES OF RESIDENT POPULATION:
NEW JERSEY MUNICIPALITIES WITH 50,000 PERSONS OR MORE IN 1986
(RANKED BY POPULATION SIZE IN 1980)

City	County	U.S. Census Apr. 1, 1970	U.S. Census Apr. 1, 1980	Estim. July 1, 1986 (P)	Pct. Change, 1970-1980 Total	Pct. Change, 1970-1980 Annual Avg.	Pct. Change, 1980-1986 Total	Pct. Change, 1980-1986 Annual Avg.
Newark	Essex	381,930	329,248	316,345	-13.79	-1.48	-3.92	-0.64
Jersey City	Hudson	260,350	223,532	218,576	-14.14	-1.52	-2.22	-0.36
Paterson	Passaic	144,824	137,970	139,453	-4.73	-0.48	1.07	0.17
Elizabeth	Union	112,654	106,201	106,656	-5.73	-0.59	0.43	0.07
Trenton	Mercer	104,786	92,124	91,746	-12.08	-1.29	-0.41	-0.07
Woodbridge Twp.	Middlesex	98,944	90,074	93,106	-8.96	-0.94	3.37	0.53
Camden	Camden	102,551	84,910	83,265	-17.20	-1.89	-1.94	-0.31
Hamilton Twp.	Mercer	79,609	82,801	87,375	4.01	0.39	5.52	0.86
East Orange	Essex	75,471	77,878	77,583	3.19	0.31	-0.38	-0.06
Clifton	Passaic	82,437	74,388	76,519	-9.76	-1.03	2.86	0.45
Edison Twp.	Middlesex	67,120	70,193	81,934	4.58	0.45	16.73	2.47
Cherry Hill Twp	Camden	64,395	68,785	72,544	6.82	0.66	5.46	0.85
Bayonne	Hudson	72,743	65,047	62,695	-10.58	-1.12	-3.62	-0.59
Dover Twp.	Ocean	43,751	64,455	71,434	47.32	3.87	10.83	1.64
Middletown Twp.	Monmouth	54,623	62,574	69,290	14.56	1.36	10.73	1.63
Irvington Twp.	Essex	59,743	61,493	62,470	2.93	0.29	1.59	0.25
Union City	Hudson	57,305	55,593	55,823	-2.99	-0.30	0.41	0.07
Vineland	Cumberland	47,399	53,753	53,981	13.41	1.26	0.42	0.07
Brick Twp.	Ocean	35,057	53,629	60,902	52.98	4.25	13.56	2.03
Passaic	Passaic	55,124	52,463	53,957	-4.83	-0.50	2.85	0.45
Old Bridge Twp.	Middlesex	48,715	51,515	55,466	5.75	0.56	7.67	1.18
Union Twp.	Union	53,077	50,184	50,875	-5.45	-0.56	1.38	0.22
Gloucester Twp.	Camden	26,511	45,156	50,359	70.33	5.33	11.52	1.74

(P) Provisional estimates.

Table 5
COUNTY POPULATION IN FOUR BROAD AGE GROUPS, 1980 CENSUS AND 1986 PROVISIONAL ESTIMATES*

	1980 Census (in thousands)				1986 Estimate (in thousands)			
County	Under 5 yrs	Aged 5-17	Aged 18-64	Aged 65 +	Under 5 yrs	Aged 5-17	Aged 18-64	Aged 65 +
STATE TOTAL	463.3	1,527.6	4,514.2	859.8	499.0	1,332.0	4,809.0	981.0
Atlantic County	11.8	39.3	112.3	30.8	13.5	35.2	126.8	30.8
Bergen County	42.0	157.2	541.0	105.3	44.8	126.3	546.4	119.4
Burlington County	24.8	82.6	226.5	28.7	26.9	71.6	247.5	36.4
Camden County	34.1	103.4	285.0	49.2	38.1	95.1	302.0	57.8
Cape May County	4.7	14.6	46.2	16.7	6.1	13.8	51.9	18.4
Cumberland County	9.6	30.9	76.9	15.5	9.8	28.5	80.7	17.5
Essex County	57.4	183.1	511.9	98.8	56.8	160.4	526.3	100.4
Gloucester County	15.2	45.0	122.0	17.7	16.8	42.5	129.6	21.8
Hudson County	37.3	107.5	342.2	69.9	38.0	94.4	347.4	71.9
Hunterdon County	5.5	20.2	53.5	8.1	6.5	17.9	62.8	9.3
Mercer County	18.3	60.1	194.2	35.2	19.4	54.0	208.4	40.7
Middlesex County	34.8	119.5	388.8	52.7	39.6	99.5	428.0	69.1
Monmouth County	31.4	112.5	299.7	59.5	35.0	99.4	339.3	68.9
Morris County	24.1	91.6	256.1	35.8	25.7	74.6	276.6	41.7
Ocean County	23.3	67.9	183.1	71.8	25.7	65.1	211.7	91.1
Passaic County	30.3	92.7	271.4	53.1	31.9	81.7	290.3	57.7
Salem County	4.7	14.5	38.0	7.5	4.7	13.4	38.6	8.8
Somerset County	11.1	43.2	130.5	18.3	13.0	35.0	144.2	23.0
Sussex County	9.5	27.8	68.7	10.1	10.2	26.6	74.2	11.9
Union County	28.1	95.8	315.6	64.7	30.2	80.5	321.6	72.3
Warren County	5.6	18.1	50.5	10.2	5.9	16.2	52.5	12.0

(P) Provisional estimates.

* The state estimate is shown to the nearest thousand and county estimates to the nearest hundred.

Table 6
ESTIMATES OF RESIDENT POPULATION AGED 65 AND OLDER, FOR NEW JERSEY COUNTIES*

County	U.S. Census Apr. 1, 1970	U.S. Census Apr.1, 1980	Estimated July 1, 1986(P)	Pct. Change, 1970-1980 Total	Pct. Change, 1970-1980 Annual Avg.	Pct. Change, 1980-1986 Total	Pct. Change, 1980-1986 Annual Avg.
STATE TOTAL	693,794	859,771	981,000	23.92	2.14	14.08	2.11
Atlantic County	28,204	30,787	30,800	9.16	0.88	0.06	0.01
Bergen County	84,240	105,276	119,400	24.97	2.23	13.44	2.02
Burlington County	19,156	28,682	36,400	49.73	4.04	26.91	3.81
Camden County	40,950	49,232	57,800	20.22	1.84	17.30	2.55
Cape May County	11,799	16,733	18,400	41.82	3.49	10.05	1.53
Cumberland County	12,052	15,516	17,500	28.74	2.53	12.61	1.90
Essex County	98,806	98,761	100,400	-0.05	-0.005	1.68	0.27
Gloucester County	13,222	17,723	21,800	34.04	2.93	23.21	3.34
Hudson County	68,629	69,932	71,900	1.90	0.19	2.82	0.45
Hunterdon County	6,968	8,104	9,300	16.30	1.51	15.08	2.25
Mercer County	29,475	35,200	40,700	19.42	1.78	15.70	2.33
Middlesex County	37,138	52,732	69,100	41.99	3.51	30.97	4.32
Monmouth County	44,932	59,536	68,900	32.50	2.81	15.69	2.33
Morris County	28,298	35,796	41,700	26.50	2.35	16.55	2.45
Ocean County	32,798	71,809	91,100	118.94	7.84	26.81	3.80
Passaic County	47,550	53,141	57,700	11.76	1.11	8.50	1.30
Salem County	5,575	7,538	8,800	35.21	3.02	16.79	2.48
Somerset County	14,147	18,282	23,000	29.23	2.56	25.58	3.64
Sussex County	7,144	10,135	11,900	41.87	3.50	17.01	2.51
Union County	54,342	64,667	72,300	19.00	1.74	11.83	1.79
Warren County	8,369	10,189	12,000	21.75	1.97	17.87	2.63

(P) Provisional estimates.

* The state estimate is shown to the nearest thousand and county estimates to the nearest hundred.

Economic Briefs

NJSDC 8TH ANNUAL CONFERENCE A SUCCESS

The New Jersey State Data Center (NJSDC) of the Division of Planning and Research sponsored its eighth annual conference on October 19, 1987 at the Princeton Hyatt. The theme of the conference was "Meeting the Challenges of the 1990s" and was attended by 140 persons representing decisionmakers and researchers from the public and private sectors.

Following opening remarks by Planning and Research Director Arthur J. O'Neal, the morning panel, "Economic Challenges of the 1990s," began with a discussion of the demand for labor in the NY-NJ Metropolitan Area by Karen Kahn, Supervisor of Economic Development Research for the Port Authority of NY & NJ. Dr. Benjamin Chinitz of the Lincoln Institute of Land Policy contrasted Boston's experience in matching people to jobs in a tight labor market. This session was closed with James C. Morford, Vice President of the NJ State Chamber of Commerce, focusing on the problems of manufacturing in the state and proposed situations.

Henry Coleman, Executive Director of the NJ State & Local Expenditure and Revenue Policy Commission, spoke on the policy issues currently under study by the Commission. He reviewed projections of expenditures and revenues developed for the Commission and then examined some of the more specific policy issues and proposals that emerge from those projections.

The afternoon panel addressed the land use challenges of the 1990s and was chaired by Ingrid Reed, Assistant Dean of Planning and Administration (Woodrow Wilson School, Princeton University). John Epling, Director of the NJ Office of State Planning, overviewed the State Planning Act, the challenges of managing growth and some of the preliminary staff recommendations under consideration by the State Planning Commission. Robert Powell, Executive Vice President of DKM Properties, Inc., responded from the perspective of developers, emphasing concern for equity in infrastructure financing and quality of life; Samuel Garrison, Assistant Secretary of Agriculture from the agriculture perspective discussed the role of agriculture in the economy and its future in the state; and, Robert Corman, Executive Director of the Fund for NJ, from the environmental perspective; stressing the need for a balance between development and the environment.

The entire day was audio taped and the NJSDC will be publishing the proceedings in the next few months. Copies of past NJSDC annual conference proceedings are available for a nominal cost. Requests should be directed to Connie O. Hughes, Staff Director, NJSDC, Division of Planning and Research, Department of Labor, CN388, Trenton, NJ 08625-0388 (609-984-2593).

The state data center program is a federal-state cooperative project between the U. S. Bureau of the Census and the 50 states in the nation (plus Puerto Rico, the Virgin Islands, and Guam). The NJSDC program was established in 1980 and its objective is to increase the access, awareness

and expertise in census and related data. Approximately 90 agencies participate in the NJSDC network with the lead agency housed in the NJ Department of Labor's Division of Planning and Research. Assisting the lead agency are four coordinating agencies, the Princeton University Computer Center, Rutgers University Computer Center, NJ State Library and Rutgers Department of Urban Planning. County affiliates have been established in the state's county planning and economic development agencies to provide local access to data. The state's 42 depository libraries participate to serve the needs of the general public. Unique to New Jersey, all major state agencies are part of the network thereby expanding data availability beyond U. S. Census Bureau data to include New Jersey state developed/maintained data.

NEW LABOR SURPLUS AREAS

The U. S. Department of Labor has released a list of labor surplus areas as authorized by Executive Orders 12073 and 10582. Employers located in these areas are eligible for preference in bidding on Federal procurement contracts. The effective dates of the new listing are from October 1, 1987 through September 30, 1988.

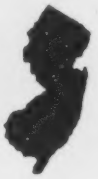
Labor surplus areas are classified by civil jurisdictions of 25,000 or more population which include cities and townships in New Jersey and counties. To be included on the list, an area must have had an average unemployment rate of 8.6%, 1.20 times the average national rate for the 1985-1986 calendar years.

In New Jersey, three cities lost their labor surplus designations since last year: Elizabeth City (8.4%), West New York Town (8.3%) and Vineland City (8.1%).

The current list of labor surplus areas includes the following: Cape May County, Balance of Cumberland which is Cumberland County less Millville and Vineland, and the municipalities of Atlantic City, Camden, Hoboken, Jersey City, Millville, Newark, Passaic, Paterson, Perth Amboy and Union City.

Additional labor surplus areas can be established on the basis of "exceptional circumstances." The exceptional circumstances criteria are met when a sudden and unforeseen rise in unemployment occurs, which was not reflected in the reference period, and is projected to continue at 8.6% rate or above for the next 12 months.

Inquiries about labor surplus areas in New Jersey can be directed to the New Jersey Department of Labor, Division of Planning and Research, CN 383, Trenton, New Jersey 08625-0383, (609) 292-2568.



ARE YOU MOVING?
Please let us know.

Just drop us a note or send us a copy of the mailing lable. Your change of address will be made in time for our next issue.

Don't become a lost subscriber!

STATISTICAL SECTION

Please Note:

Each year the data series in *Economic Indicators* are revised using new benchmarks and seasonal adjustment factors. For this reason, it would be incorrect to generate an historic time series for *Economic Indicators* data by taking old issues of the *Economic Indicators* and tying the series together.

SEASONAL ADJUSTMENT OF DATA

All charts, except charts I and II and where otherwise noted, contain data seasonally adjusted by the X-11 variant of the U.S. Census Bureau program.

Data for 1975 and subsequent years in charts I and II have been seasonally adjusted using the ARIMA (Auto-Regressive Integrated Moving Average) method of seasonal adjustment developed by Statistics Canada.

For those series which are affected by the occurrence of five rather than four of a particular day of the week, during the course of a month in any given year, a statistical adjustment known as "trading day" has been made.

TABLE NOTES

Preliminary and revised data are indicated by a "p" or "r" after the entry.

CHART NOTES

Unless otherwise noted, all graphs were developed with seasonally adjusted data. Some series were plotted with the following variations noted on the graph itself:

Moving Averages. Series where the monthly data vary erratically have been plotted with moving averages and with nonaveraged data superimposed for the most recent years.

Ratio Scales. Where ratio scales were used to show constant rates of change a straight lines, this has been noted; otherwise, the graph is on an arithmetic scale.

Inverted Scales. For series where declines are associated with economic expansion (such as unemployment and business failures) an inverted scale has been used and noted.

Since the scale of each series is determined by the volume and trend of the data time series, caution should be exercised in making comparisons among charts.

MONTHLY AVERAGES

On Page S-37 are the monthly averages of the series data for recent years to be used as a benchmark for evaluating current monthly data.

SHADED AREAS

Periods identified by the National Bureau of Economic Research (NBER) as ones of general national contraction have been shaded. They include the periods December 1969-November 1970, November 1973-March 1975, January 1980-July 1980 and July 1981-November 1982.

SERIES SOURCES

1-6	NJ Department of Labor Division of Planning and Research US Bureau of Labor Statistics
7-16	NJ Department of Labor Division of Planning and Research
17	US Bureau of Labor Statistics
18	NJ Department of Labor Division of Planning and Research
19-20	Dun & Bradstreet, Inc.
21	Edison Electric Institute: 1969-1979 US Department of Energy, Energy Information Administration: 1980-present
22-24	McGraw-Hill Information Systems Company, F.W. Dodge Division

25-27 NJ Department of Labor
Division of Planning and Research

28-29 US Bureau of the Census

30 R.L. Polk and Company

31-36 NJ Department of Labor
Division of Planning and Research

SERIES NOTES

1-6 The RESIDENT LABOR FORCE INDICATORS are estimated by two different methodologies. The **official series** is based on the U.S. Bureau of Labor Statistics (BLS) monthly survey of some 2,730 New Jersey households. The **unofficial series** is based on a combination of unemployment insurance claims, employer survey data, estimating formulas, and household survey benchmarks.

Both data series are based upon population estimates and weights derived from the 1980 U.S. Census of Population.

Official series data have been adjusted to 1986 population estimates produced by the U.S. Bureau of the Census.

Unofficial series data have been adjusted to a 1986 benchmark.

The LABOR FORCE PARTICIPATION RATE and the EMPLOYMENT/POPULATION RATIO (Series 4 and 5) are expressed as percentages of the civilian noninstitutional population aged 16 years and over.

The New Jersey Department of Labor (NJDOL) agrees to publish the BLS approved estimates of labor force, employment, unemployment and unemployment rate for the State and all published areas, and agrees to label these data as the data used to allocate federal funds and determine eligibility for federal assistance programs. NJDOL reserves the right to publish alternate labor force and unemployment data for State purposes and will suitably label such data so as to distinguish them from the BLS approved series.

7-12 THE ESTABLISHMENT EMPLOYMENT INDICATORS are generated from a monthly survey of employers on the number of persons who worked or received pay for any part of the pay period including the 12th of the month. The series are adjusted to March 1986 benchmarks and reflect the 1972 SIC (Standard Industrial Classification Manual) changes. See information on page S-29 for additional information on estimating state government employment.

PRIVATE SECTOR NONFARM PAYROLL EMPLOYMENT (Series 8) is computed by subtracting government employment from total nonfarm payroll employment.

SERVICE-PRODUCING INUSTRIES PAYROLL EMPLOYMENT (Series 12) includes the industries of trade, services, finance/insurance/real estate, and transportation/communications/public utilities.

13 MANUFACTURING EMPLOYMENT - PRODUCTION WORKERS is developed from a monthly survey of employers on the number of nonsupervisory employees in the manufacturing sector who worked during or received pay for any part of the pay period including the 12th of the month. The series are adjusted to 1986 benchmarks and reflect the 1972 SIC changes.

14 MANUFACTURING WORKWEEK - PRODUCTION WORKERS is derived from a monthly survey of employment and earnings. The workweek is estimated by dividing AGGREGATE MANUFACTURING WEEKLY MAN-HOURS BY MANUFACTURING EMPLOYMENT-PRODUCTION WORKERS.,

15 AGGREGATE MANUFACTURING WEEKLY MANHOURS -PRODUCTION WORKERS are estimated from a monthly survey of the manhours worked by manufacturing production workers.

16 WEEKLY EARNINGS OF MANUFACTURING PRODUCTION WORKERS are affected by premium pay, shift differentials, piecework and incentive payments, length of workweek, and other factors. Data are not seasonally adjusted.

17 The CONSUMER PRICE INDEX (CPI) measures the change in prices of a fixed market basket of goods and services purchased by urban workers. The index represents price changes for everything people buy for living--food, clothing, automobiles, homes, furnishings, fuel, drugs; fees to doctors, lawyers, and beauty shops; and rent, repair costs, transportation fares, public utility rates, etc. All taxes (sales, excise, real estate, etc.) directly associated with the purchase and continued ownership of an item are included in the price. Income and other personal taxes not associated with prices of specific goods are excluded.

The data series reproduced in the report are the **Urban Wage Earners and Clerical Workers** series (CPI-W).

CPI-W is based on urban consumer units where more than one-half fo the income is earned from clerical or wage occupations. In addition, one of the members must work for 37 weeks or more in an eligible occupation. The CPI-W population represented 30 percent of the total United States population in 1981.

The U.S. CPI is the **U.S. City Average.**

The N.Y. CPI is for the **New York. N.Y.-Northeastern New Jersey area** which includes in New Jersey: Bergen, Essex, Hudson, Middlesex, Morris, Passaic, Somerset, and Union counties; and in New York: New York City, Nassau, Rockland, Suffolk, and Westchester counties.

The Phila. CPI is for the **Philadelphia, Pa.-New Jersey area** which includes in New Jersey: Burlington, Camden, and Gloucester counties; and in Pennsylvania Bucks, Chester, Delaware, Montgomery, and Philadelphia counties.

Questions on the use of the CPI should be addressed to the U.S. Bureau of Labor Statistics offices in New York City (212) 944-3121 or in Philadelphia (215) 596-1154.

THERE IS NO NEW JERSEY CONSUMER PRICE INDEX NOR COST-OF-LIVING INDEX.

18 NET SPENDABLE EARNINGS are calculated by adjusting gross average weekly earnings for the effects for state and federal taxes and inflation. Federal tax adjustments are made by the New Jersey Department of Labor according to a formula previously developed by the U.S. Department of Labor. Inflation adjustments are based on the average Consumer Price Index for Urban Wage Earners and Clerical Workers in the New York-Northeastern New Jersey and the Philadelphia-New Jersey areas. The data are not seasonally adjusted.

20 Business failures data beginning with January 1984 are not comparable to those prior to that date due to coverage of industries not previously included. Beginning in January 1984, all industries are included in the data.

21 Beginning with February 1987 issue of the Economic Indicators, data on total electric power sales have been replaced by industrial electric power sales. Industrial electric power sales are estimates of total sales electricity by utilities to industrial users only. They are based on a sample of utilities surveyed by the U.S. Energy Information Administration, as reported in Electric Power Monthly (DOE/EIA-0226).

22-24 THE CONSTRUCTION CONTRACTS INDICATORS are proprietary data provided by special permission of the F.W. Dodge Division, McGraw-Hill Information Systems Company.

The cumulative data presented in the table on page 3 are not the sum of the data contained in series 22,23, and 24. The cumulative data contain retroactive revisions made after the monthly data were originally published. The monthly data have not been revised.

TOTAL CONSTRUCTION CONTRACTS AWARDED (Series 22) is the sum of seasonally adjusted residential and nonresidential construction contract awards and unadjusted nonbuilding construction contracts awards. The nonbuilding component does not exhibit a stable seasonal pattern.

25-27 The RESIDENTIAL BUILDING PERMITS INDICATORS are compiled as of the fifth day of the second following month and are not revised as subsequent reports are received. Since the reports from all New Jersey municipalities are never received by the cutoff date, preliminary figures are used for both the current and the historical series in order to ensure comparability. Final monthly data incorporating late reports appear in the annual summaries of New Jersey Residential Building Permits, published by the Division of Planning and Research.

TOTAL PRIVATE DWELLING UNITS AUTHORIZED by building permits (Series 25) data is the sum of seasonally adjusted single-family and two-family dwelling units and unadjusted three-or-four family and multi-family dwelling units. Public housing units are not included in either the New Jersey or U.S. series and represents a tiny fraction of the total.

DWELLING UNITS (5 or MORE) AUTHORIZED BY BUILDING PERMITS (Series 27) include all multi-family structures with five or more units, except those in public housing. Data do not exhibit a stable seasonal pattern and are therefore not appropriate for seasonal adjustment.

28-29 The figures prior to 1970 for SALES OF RETAIL STORES were adjusted by the New Jersey Department of Labor to account for sample revisions introduced in 1968 by the U.S. Census Bureau.

SALES OF RETAIL STORES IN 1967 DOLLARS (Series 29) has been deflated by the "commodities only" component of the average New York-Northeastern New Jersey and Philadelphia-New Jersey Consumer Price Index for All Urban Consumers.

30 New passenger car registrations data are total new passenger cars registered in New Jersey, regardless of the State in which the sales occur, and include both domestically produced as well as imported vehicles

Because of unemployment insurance coverage and other law changes affecting eligibility for benefits, data on unemployment insurance claims (Series 31-36) may not be directly comparable between years.

31 WEEKS CLAIMED (WEEKLY AVERAGE) is computed by dividing the total number of weeks claimed (intrastate and interstate agent under Regular UI program only) in the month by the number of weeks in the month.

The INSURED UNEMPLOYMENT RATE (IUR) is the seasonally adjusted weekly average of claimants (intrastate and interstate agent claims under the regular state program only) as a percent of the estimated covered employment.

32 The INITIAL CLAIMS WEEKLY AVERAGE represents intrastate and interstate agent claims under the regular state UI program only.

33 The UNEMPLOYMENT INSURANCE EXHAUSTONS are from the regular state program only.

34-36 The industry INSURED UNEMPLOYMENT data are derived from a three percent sample of all claimants under the regular state unemployment insurance program. The data reflect the number of insured unemployed during the week generally containing the 12th of the month, although the data are a count of the claims filed during the subsequent week.

INSURED UNEMPLOYMENT IN SERVICE PRODUCING INDUSTRIES (Series 36) includes the industries of transportation/communications/public utilities, trade, finance/insurance/real estate, and services.

Data on insured unemployment in manufacturing and service-producing industries consist of the sum of the seasonally adjusted or unadjusted data for the respective industry components. The decision to seasonally adjust the component industries is based upon individual consideration of the industries and whether seasonal adjustment is statistically meaningful.

TABLE I RESIDENT LABOR FORCE INDICATORS - I

1. CIVILIAN LABOR FORCE (000) SEASONALLY ADJUSTED DATA

DATE	1984		1985		1986		1987	
	OFF.	UNOFF.	OFF.	UNOFF.	OFF.	UNOFF.	OFF.	UNOFF.
JAN	3,811	3,747	3,805	3,841	3,875	3,874	3,857	3,911
FEB	3,816	3,771	3,830	3,844	3,889	3,874	3,908	3,920
MAR	3,841	3,777	3,842	3,833	3,834	3,881	3,965	3,928
APR	3,930	3,810	3,844	3,824	3,851	3,890	3,946	3,942
MAY	3,881	3,834	3,790	3,810	3,891	3,892	4,003	3,956
JUN	3,800	3,844	3,826	3,911	3,928	3,894	3,977	3,961
JUL	3,819	3,843	3,855	3,826	3,904	3,893	3,930	3,967
AUG	3,824	3,844	3,822	3,832	3,916	3,871	3,986	3,957R
SEP	3,814	3,858	3,849	3,835	3,918	3,886	3,916	3,946P
OCT	3,806	3,861	3,829	3,844	3,876	3,898		
NOV	3,764	3,836	3,875	3,854	3,914	3,922		
DEC	3,797	3,853	3,874	3,849	3,900	3,926		

2. RESIDENT EMPLOYMENT (000) SEASONALLY ADJUSTED DATA

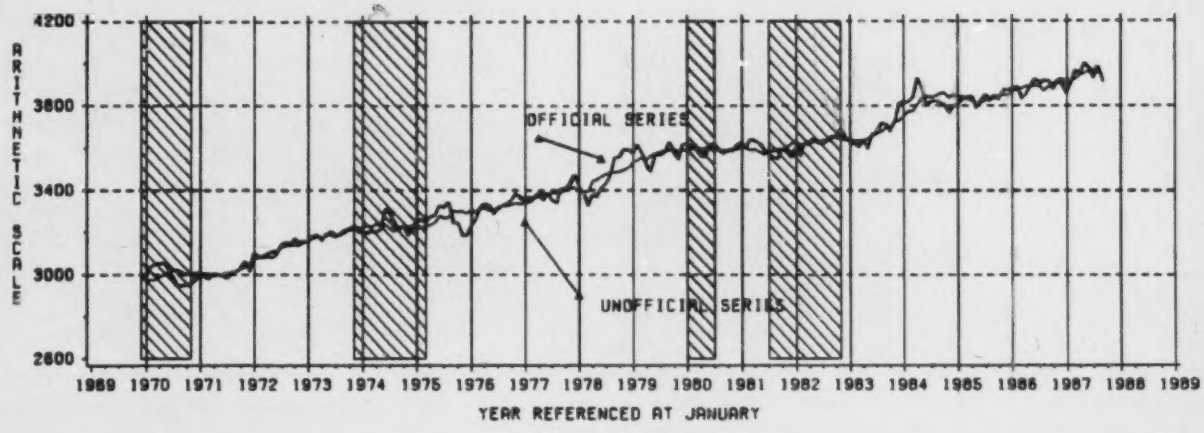
DATE	1984		1985		1986		1987	
	OFF.	UNOFF.	OFF.	UNOFF.	OFF.	UNOFF.	OFF.	UNOFF.
JAN	3,549	3,509	3,584	3,621	3,645	3,654	3,718	3,741
FEB	3,579	3,531	3,600	3,617	3,666	3,669	3,746	3,751
MAR	3,583	3,537	3,613	3,607	3,670	3,680	3,819	3,766
APR	3,666	3,578	3,609	3,598	3,664	3,689	3,791	3,789
MAY	3,643	3,595	3,603	3,594	3,685	3,691	3,836	3.805
JUN	3,601	3,606	3,615	3,596	3,728	3,694	3,809	3,810
JUL	3,584	3,606	3,635	3,606	3,698	3,689	3,771	3,811
AUG	3,579	3,605	3,639	3,620	3,724	3,677	3,815	3,800
SEP	3,573	3,618	3,645	3,621	3,729	3,702	3,740	3,788P
OCT	3,590	3,621	3,601	3,635	3,674	3,720		
NOV	3,546	3,620	3,641	3,643	3,737	3,738		
DEC	3,577	3,624	3,647	3,646	3,727	3,753		

3. UNEMPLOYMENT (000) SEASONALLY ADJUSTED DATA

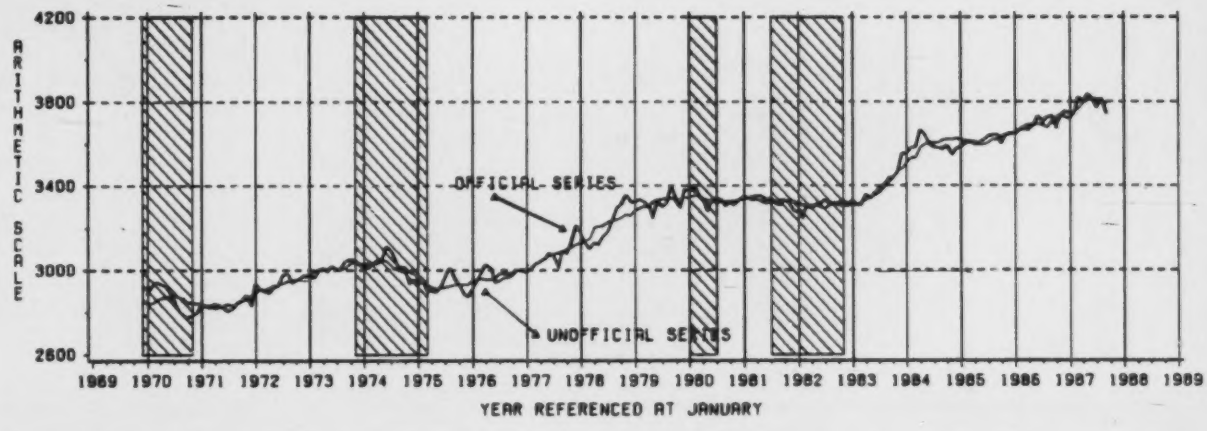
DATE	1984		1985		1986		1987	
	OFF.	UNOFF.	OFF.	UNOFF.	OFF.	UNOFF.	OFF.	UNOFF.
JAN	262	238	221	221	230	220	139	170
FEB	237	240	230	227	223	205	162	168
MAR	258	240	229	226	164	201	146	162
APR	264	232	235	226	187	201	155	153
MAY	238	239	187	216	206	201	167	150
JUN	199	239	211	216	200	201	168	151
JUL	235	237	220	220	206	204	159	156
AUG	245	239	183	212	192	194	171	157R
SEP	241	240	204	214	189	184	176	157P
OCT	216	240	228	210	202	178		
NOV	218	216	234	211	177	184		
DEC	220	229	227	203	173	173		

CHART I RESIDENT LABOR FORCE INDICATORS–I

1. CIVILIAN LABOR FORCE (000)



2. RESIDENT EMPLOYMENT (000)



3. UNEMPLOYMENT (000) –INVERTED

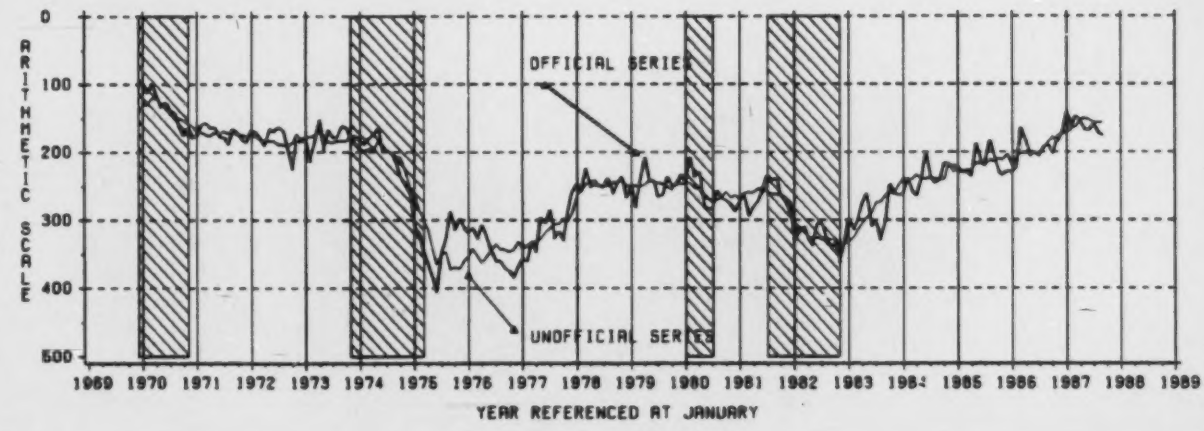


TABLE II RESIDENT LABOR FORCE INDICATORS - II

4. LABOR FORCE PARTICIPATION RATE (%) SEASONALLY ADJUSTED DATA

DATE	1984		1985		1986		1987	
	OFF.	UNOFF.	OFF.	UNOFF.	OFF.	UNOFF.	OFF.	UNOFF.
JAN	65.6	64.5	65.0	65.7	65.7	65.7	64.8	65.7
FEB	65.6	64.8	65.4	65.7	65.9	65.7	65.6	65.8
MAR	66.0	64.9	65.6	65.5	64.9	65.7	66.5	65.8
APR	67.5	65.4	65.6	65.3	65.2	65.8	66.1	66.0
MAY	66.6	65.8	64.7	65.0	65.8	65.8	67.0	66.2
JUN	65.1	65.9	65.3	65.0	66.3	65.8	66.5	66.2
JUL	65.4	65.8	65.8	65.3	65.9	65.7	65.6	66.3
AUG	65.5	65.8	65.1	65.3	66.0	65.3	66.5	66.1R
SEP	65.3	66.0	65.5	65.3	66.0	65.5	65.3	65.8P
OCT	65.1	66.0	65.1	65.4	65.3	65.6		
NOV	64.4	65.6	65.9	65.5	65.9	66.0		
DEC	64.9	65.9	65.8	65.4	65.6	66.0		

5. EMPLOYMENT/POPULATION RATIO (%) SEASONALLY ADJUSTED DATA

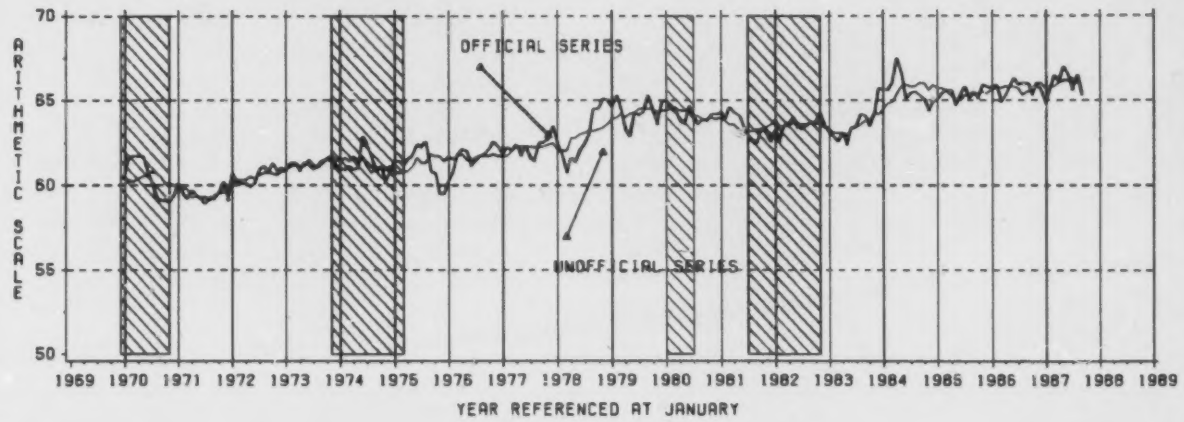
DATE	1984		1985		1986		1987	
	OFF.	UNOFF.	OFF.	UNOFF.	OFF.	UNOFF.	OFF.	UNOFF.
JAN	61.1	60.4	61.3	61.9	61.8	62.0	62.4	62.8
FEB	61.5	60.7	61.5	61.8	62.1	62.2	62.8	62.9
MAR	61.6	60.8	61.7	61.6	62.2	62.3	64.0	63.1
APR	62.9	61.4	61.6	61.4	62.0	62.4	63.5	63.5
MAY	62.5	61.7	61.5	61.3	62.3	62.4	64.2	63.7
JUN	61.7	61.8	61.7	61.3	63.0	62.4	63.7	63.7
JUL	61.4	61.7	62.0	61.5	62.4	62.2	63.0	63.7
AUG	61.3	61.7	62.0	61.7	62.8	62.0	63.7	63.4
SEP	61.1	61.9	62.1	61.6	62.8	62.4	62.4	63.2P
OCT	61.4	61.9	61.3	61.8	61.9	62.6		
NOV	60.6	61.9	61.9	61.9	62.9	62.9		
DEC	61.1	62.0	61.9	61.9	62.7	63.1		

6. UNEMPLOYMENT RATE (%) SEASONALLY ADJUSTED DATA

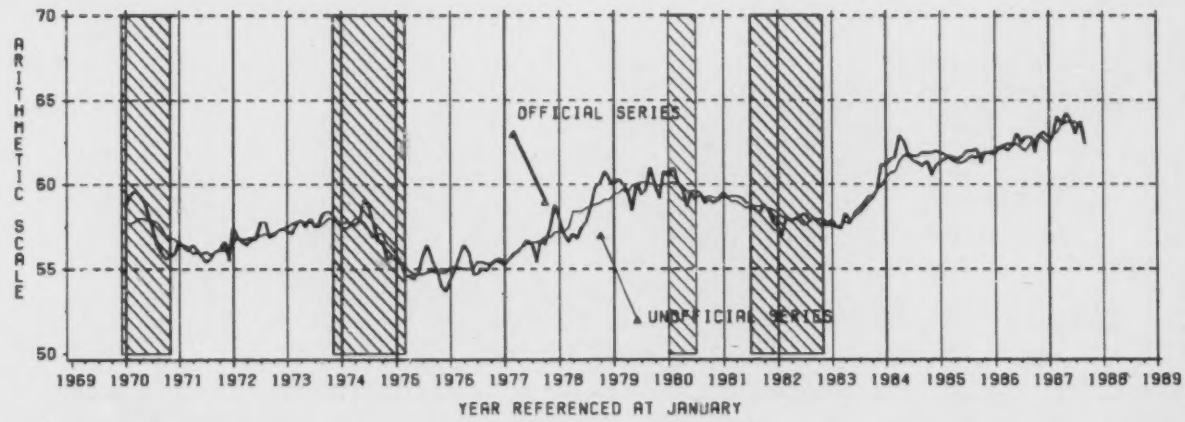
DATE	1984		1985		1986		1987	
	OFF.	UNOFF.	OFF.	UNOFF.	OFF.	UNOFF.	OFF.	UNOFF.
JAN	6.9	6.3	5.8	5.8	5.9	5.7	3.6	4.3
FEB	6.2	6.4	6.0	5.9	5.7	5.3	4.1	4.3
MAR	6.7	6.4	6.0	5.9	4.3	5.2	3.7	4.1
APR	6.7	6.1	6.1	5.9	4.9	5.2	3.9	3.9
MAY	6.1	6.2	4.9	5.7	5.3	5.2	4.2	3.8
JUN	5.2	6.2	5.5	5.7	5.1	5.2	4.2	3.8
JUL	6.2	6.2	5.7	5.7	5.3	5.2	4.0	3.9
AUG	6.4	6.2	4.8	5.5	4.9	5.0	4.3	4.0R
SEP	6.3	6.2	5.3	5.6	4.8	4.7	4.5	4.0P
OCT	5.7	6.2	6.0	5.4	5.2	4.6		
NOV	5.8	5.6	6.0	5.5	4.5	4.7		
DEC	5.8	5.9	5.9	5.3	4.4	4.4		

CHART II RESIDENT LABOR FORCE INDICATORS–II

4. LABOR FORCE PARTICIPATION RATE (%)



5. EMPLOYMENT/POPULATION RATIO (%)



6. UNEMPLOYMENT RATE (%) INVERTED

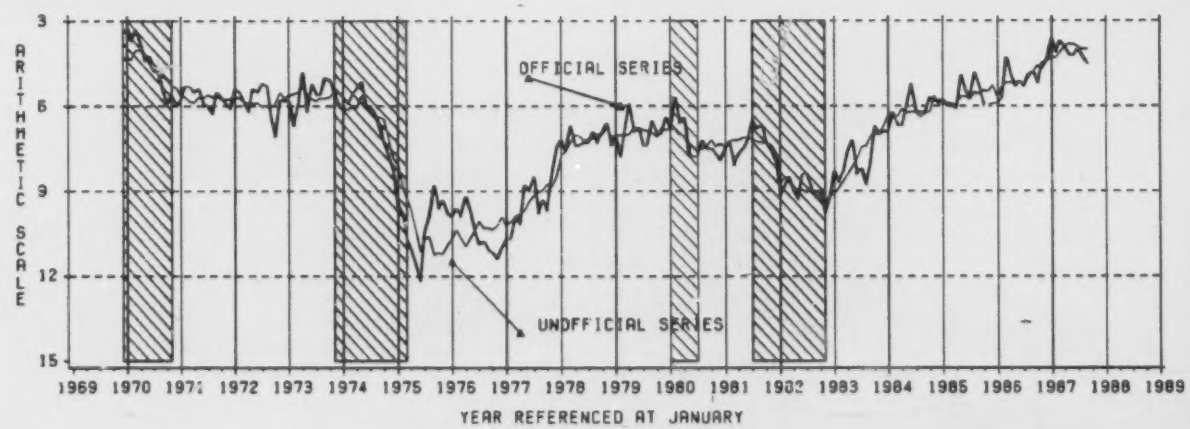


TABLE III ESTABLISHMENT EMPLOYMENT INDICATORS - I

7. NONFARM PAYROLL EMPLOYMENT (000)

DATE	1984		1985		1986		1987	
	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.
JAN	3200.0	3264.7	3317.8	3388.7	3382.7	3455.5	3478.[illegible]	3553.6
FEB	3210.4	3285.3	3314.4	3395.5	3383.1	3466.9	347[illegible]	3560.8
MAR	3239.5	3291.6	3342.0	3398.7	3416.6	3474.7	3[illegible]	3568.1
APR	3297.8	3314.4	3382.2	3399.7	3460.5	3478.1	3551.8	3570.3
MAY	3335.3	3327.0	3408.9	3401.2	3485.0	3477.1	3575.9	3567.4
JUN	3391.1	3336.1	3458.4	3403.3	3528.6	3472.1	3623.1	3565.9
JUL	3388.4	3337.3	3465.4	3413.8	3522.3	3470.5	3612.3	3557.8
AUG	3376.8	3329.1	3469.0	3420.6	3519.0	3471.8	3606.7R	3556.8R
SEP	3360.6	3342.5	3439.0	3422.0	3513.2	3497.2	3584.3P	3567.0P
OCT	3377.5	3359.9	3453.2	3434.6	3538.7	3520.1		
NOV	3386.4	3370.7	3460.9	3444.2	3545.2	3527.8		
DEC	3388.3	3378.5	3460.2	3449.4	3548.4	3538.6		

8. PRIVATE SECTOR NONFARM PAYROLL EMPLOYMENT (000)

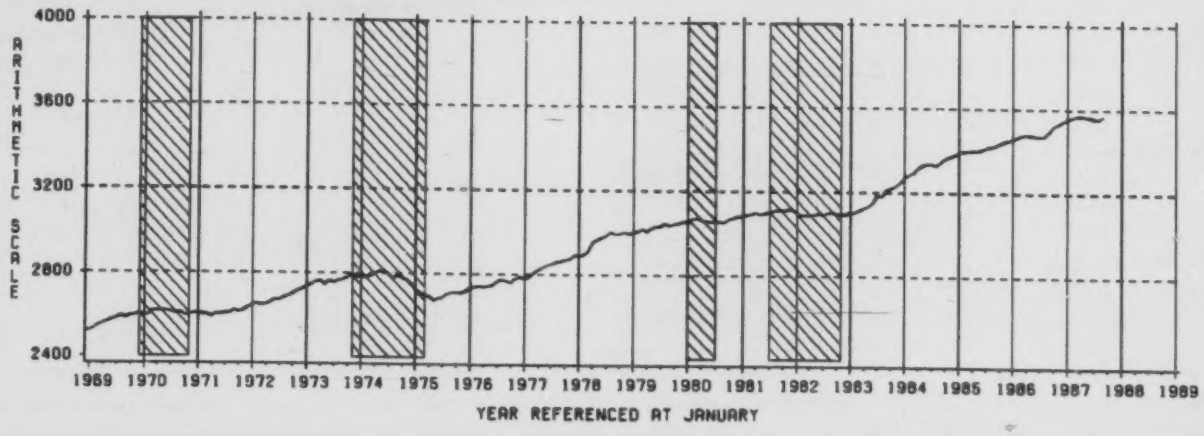
DATE	1984		1985		1986		1987	
	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.
JAN	2678.9	2741.9	2793.7	2861.9	2855.1	2925.2	2941.5	3014.3
FEB	2684.8	2762.0	2785.5	2868.4	2847.8	2933.7	2930.3	3020.4
MAR	2710.7	2767.1	2811.0	2871.8	2877.2	2939.7	2960.0	3025.8
APR	2771.2	2790.8	2851.8	2872.2	2920.2	2940.9	3002.3	3024.1
MAY	2810.6	2804.4	2878.4	2872.4	2946.7	2940.2	3030.9	3023.9
JUN	2863.1	2814.3	2921.6	2872.7	2986.4	2936.1	3076.7	3025.6
JUL	2870.8	2820.6	2932.1	2881.1	2991.4	2939.7	3077.1	3022.8
AUG	2866.7	2814.0	2938.9	2885.1	2993.9	2941.0	3077.6R	3022.0R
SEP	2855.3	2821.7	2917.7	2885.4	2991.4	2960.2	3061.4P	3028.9P
OCT	2857.0	2837.6	2921.1	2900.9	3000.4	2980.0		
NOV	2858.8	2847.0	2922.7	2910.2	3000.2	2986.9		
DEC	2859.5	2853.2	2923.4	2916.0	3003.7	2996.9		

9. PUBLIC SECTOR PAYROLL EMPLOYMENT (000)

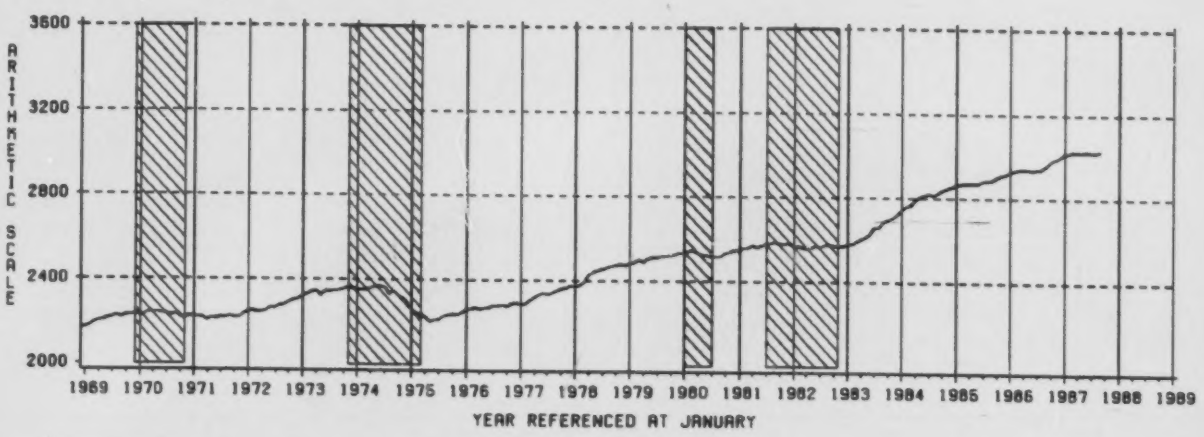
DATE	1984		1985		1986		1987	
	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.
JAN	521.1	522.8	524.1	526.7	527.6	530.3	536.8	539.3
FEB	525.6	523.3	528.9	527.1	535.3	533.2	542.2	540.4
MAR	528.8	524.5	531.0	526.9	539.4	535.0	546.9	542.3
APR	526.6	523.6	530.4	527.5	540.3	537.2	549.5	546.2
MAY	524.7	522.6	530.5	528.8	538.3	536.9	545.0	543.5
JUN	528.0	521.8	536.8	530.6	542.2	536.0	546.4	540.3
JUL	517.6	516.7	533.3	532.7	530.9	530.8	535.2	535.0
AUG	510.1	515.1	530.1	535.5	525.1	530.8	529.1R	534.8R
SEP	505.3	520.7	521.3	536.6	521.8	537.0	522.9P	538.1P
OCT	520.5	522.3	532.1	533.7	538.3	540.1		
NOV	527.6	523.7	538.2	534.0	545.0	540.9		
DEC	528.8	525.3	536.8	533.4	544.7	541.7		

CHART III ESTABLISHMENT EMPLOYMENT INDICATORS – I

7. NONFARM PAYROLL EMPLOYMENT (000)



8. PRIVATE SECTOR NONFARM PAYROLL EMPLOYMENT (000)



9. PUBLIC SECTOR PAYROLL EMPLOYMENT (000)

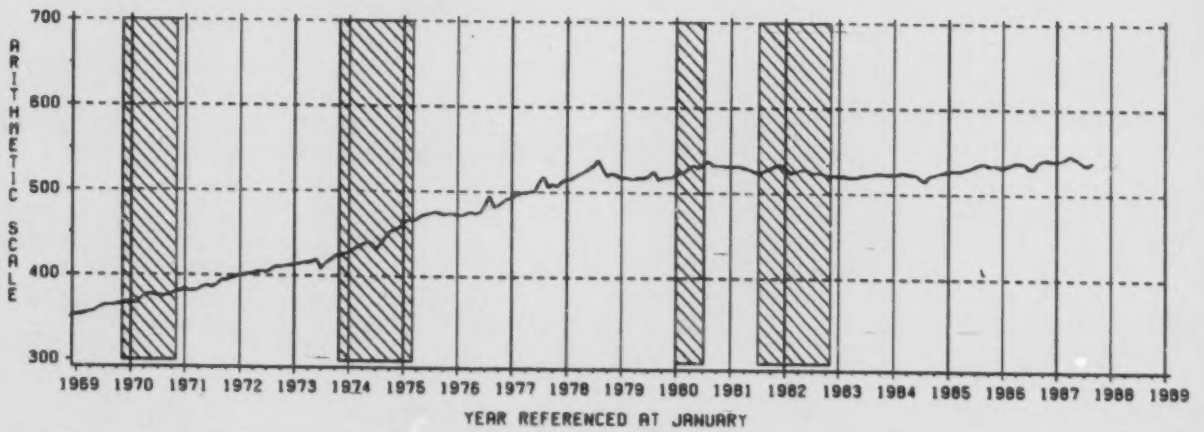


TABLE IV ESTABLISHMENT EMPLOYMENT INDICATORS -II

10. MANUFACTURING PAYROLL EMPLOYMENT (000)

DATE	1984		1985		1986		1987	
	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.
JAN	711.7	722.2	718.9	729.2	688.3	698.2	684.5	694.6
FEB	717.0	724.0	718.9	725.8	691.1	697.7	684.8	691.3
MAR	721.2	725.2	718.5	722.4	693.6	697.1	687.6	691.2
APR	724.7	727.4	718.3	720.8	693.6	696.0	683.7	686.2
MAY	729.1	729.5	716.5	717.1	692.4	693.1	684.3	684.9
JUN	735.7	729.7	721.2	715.4	697.3	691.5	687.0	681.5
JUL	727.1	728.9	710.5	712.1	687.4	689.0	676.3	677.8
AUG	730.4	725.8	714.9	710.6	690.2	686.5	678.2R	674.7R
SEP	734.6	726.3	710.4	703.4	695.2	689.0	680.7P	674.3P
OCT	734.2	727.7	707.6	701.4	696.8	691.1		
NOV	730.5	727.0	704.1	700.9	695.2	692.3		
DEC	725.1	726.9	696.2	697.6	692.9	694.7		

11. CONSTRUCTION PAYROLL EMPLOYMENT (000)

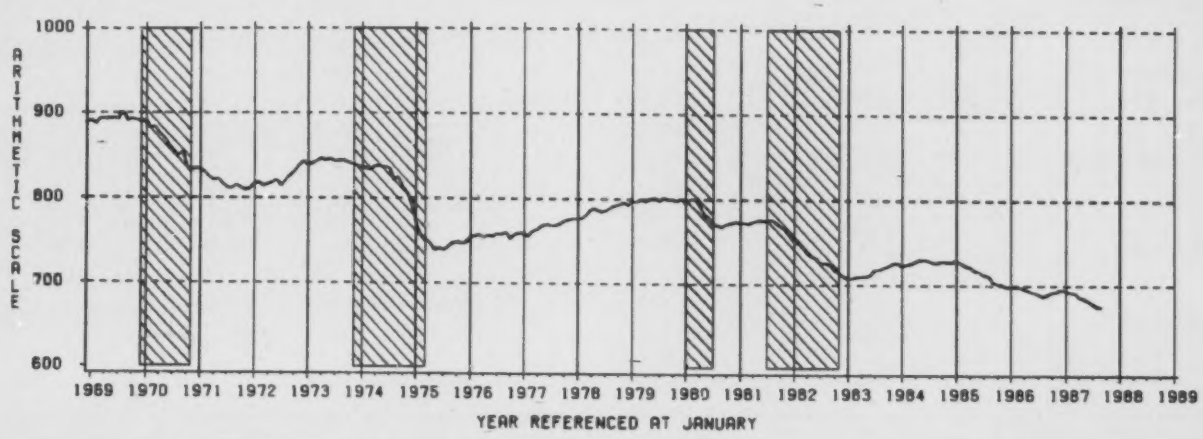
DATE	1984		1985		1986		1987	
	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.
JAN	109.5	122.3	124.4	138.6	133.9	148.8	146.9	163.2
FEB	108.8	127.6	117.9	138.0	128.8	150.6	141.4	165.4
MAR	113.1	126.5	127.1	142.0	134.3	149.9	149.5	166.9
APR	124.7	128.6	138.4	142.4	147.2	151.2	163.8	168.2
MAY	131.5	129.7	143.2	141.0	153.3	150.8	168.9	166.2
JUN	137.0	131.2	145.7	139.5	159.2	152.4	174.3	167.0
JUL	140.4	131.8	148.3	139.5	162.9	153.4	178.2	167.8
AUG	142.7	132.8	151.3	141.1	165.0	154.0	180.3R	168.2R
SEP	141.7	133.8	149.1	141.0	164.9	156.1	179.1P	169.6P
OCT	144.4	135.9	150.4	141.5	166.8	157.0		
NOV	142.9	136.3	149.7	143.1	164.7	157.5		
DEC	138.9	136.7	147.0	144.8	160.5	158.2		

12. PRIVATE SERVICE-PRODUCING INDUSTRIES PAYROLL EMPLOYMENT (000)

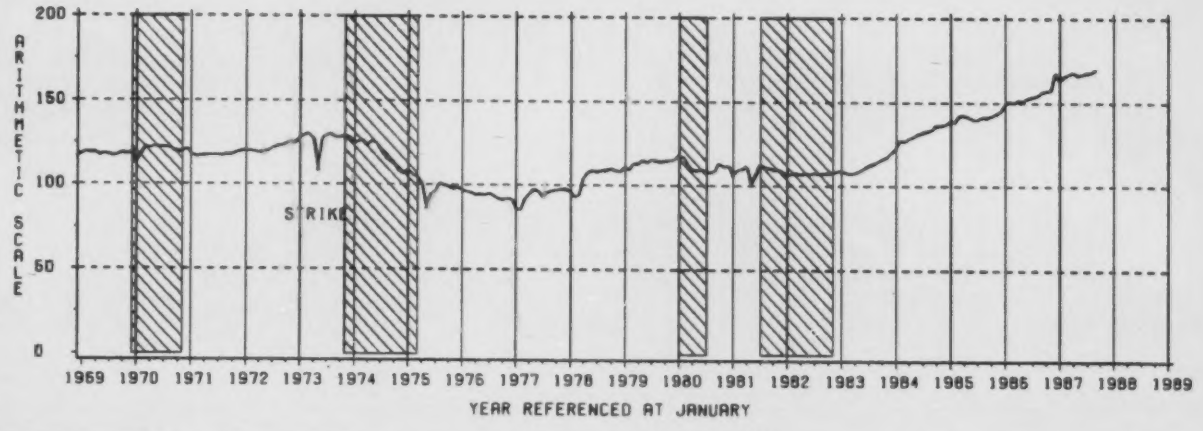
DATE	1984		1985		1986		1987	
	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.
JAN	1855.8	1895.3	1948.5	1992.0	2030.9	2076.0	2108.0	2154.2
FEB	1857.2	1908.5	1946.8	2002.5	2026.0	2083.2	2102.0	2161.3
MAR	1874.4	1913.2	1963.4	2005.3	2047.4	2090.5	2120.8	2165.4
APR	1919.5	1932.6	1992.9	2006.9	2077.2	2091.5	2152.6	2167.5
MAY	1947.8	1942.9	2016.4	2012.1	2098.9	2094.1	2175.4	2170.6
JUN	1987.9	1951.2	2052.5	2015.6	2127.7	2090.0	2213.1	2174.9
JUL	2001.0	1957.6	2071.0	2027.3	2138.8	2095.1	2220.2	2174.9
AUG	1991.2	1953.2	2070.3	2031.3	2136.5	2098.3	2216.7R	2176.8R
SEP	1976.6	1959.4	2056.0	2038.8	2129.2	2112.9	2199.2P	2182.7P
OCT	1976.2	1971.8	2060.8	2055.8	2134.6	2129.7		
NOV	1983.1	1981.4	2066.7	2064.0	2138.0	2135.0		
DEC	1993.2	1987.4	2078.0	2071.4	2148.0	2141.7		

CHART IV ESTABLISHMENT EMPLOYMENT INDICATORS – II

10. MANUFACTURING PAYROLL EMPLOYMENT(000)



11. CONSTRUCTION PAYROLL EMPLOYMENT (000)



12. PRIVATE SERVICE-PRODUCING INDUSTRIES PAYROLL EMPLOYMENT (000)

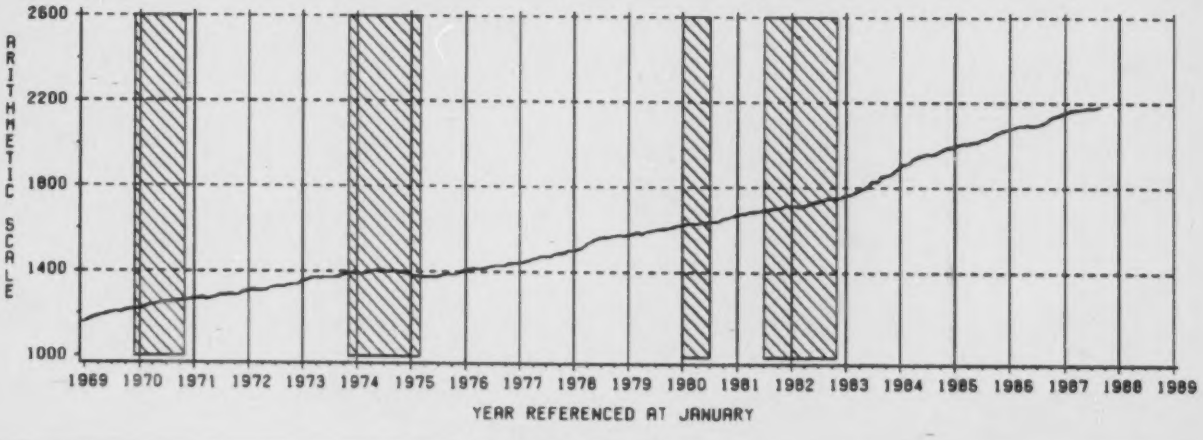


TABLE V PRODUCTION WORKERS INDICATORS

13. MANUFACTURING EMPLOYMENT-PRODUCTION WORKERS (000)

DATE	1984		1985		1986		1987	
	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.
JAN	450.7	458.4	451.1	459.1	423.6	430.9	414.3	421.5
FEB	453.8	457.4	449.8	453.4	428.0	431.3	415.7	419.1
MAR	455.5	456.8	450.6	451.8	428.0	428.9	417.6	418.4
APR	456.7	458.5	444.8	446.4	427.3	428.7	413.3	414.5
MAY	459.0	459.8	442.6	443.7	423.3	424.4	414.3	415.5
JUN	463.4	458.5	447.5	442.8	427.8	423.3	417.3	412.8
JUL	457.5	462.1	432.1	436.4	414.3	418.5	408.1	412.2
AUG	459.4	458.6	437.1	436.5	420.6	420.1	409.9R	409.5R
SEP	462.9	456.1	435.5	429.5	427.6	422.0	413.7P	408.4P
OCT	461.8	456.3	436.0	431.0	427.0	422.4		
NOV	458.6	455.1	433.8	430.6	424.1	421.2		
DEC	455.4	456.4	427.9	428.8	418.8	419.8		

14. MANUFACTURING WORKWEEK-PRODUCTION WORKERS (HOURS)

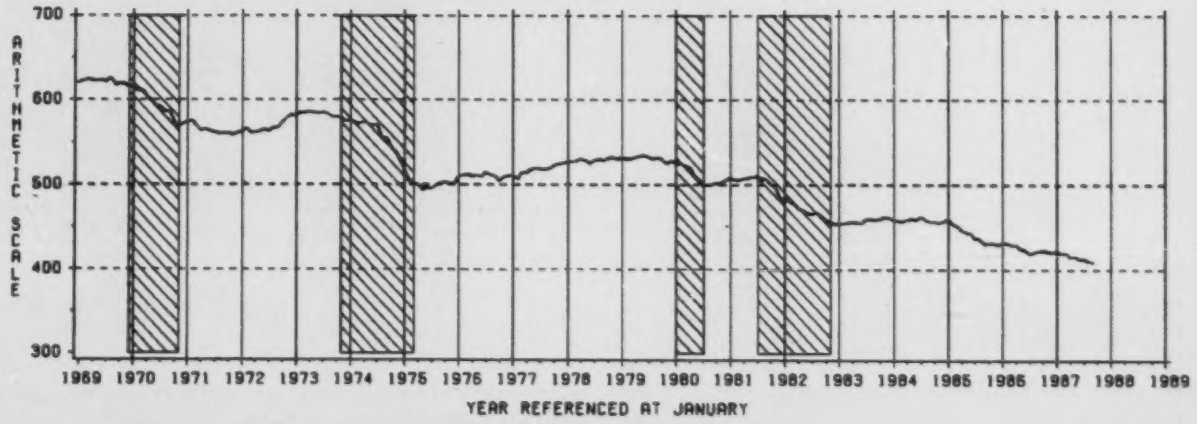
DATE	1984		1985		1986		1987	
	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.
JAN	40.9	41.0	40.9	41.0	41.4	41.5	41.3	41.4
FEB	41.4	41.6	40.7	41.0	40.6	40.9	41.2	41.5
MAR	41.0	40.9	41.0	40.9	41.3	41.2	41.4	41.3
APR	41.1	41.3	40.6	40.8	41.1	41.2	40.9	41.0
MAY	41.0	41.1	40.6	40.7	41.1	41.2	41.0	41.1
JUN	41.2	41.1	40.8	40.7	41.3	41.2	41.0	40.9
JUL	40.8	41.2	40.3	40.7	40.5	40.9	40.8	41.3
AUG	40.9	41.1	40.4	40.6	41.0	41.2	40.8	41.0
SEP	41.4	41.3	40.7	40.6	41.2	41.1	40.8P	40.7P
OCT	41.3	41.1	41.0	40.9	41.1	41.0		
NOV	41.4	41.0	41.3	40.9	41.7	41.3		
DEC	41.4	41.0	41.4	41.0	41.5	41.1		

15. AGGREGATE MANUFACTURING WEEKLY MANHOURS-PRODUCTION WORKERS (000)

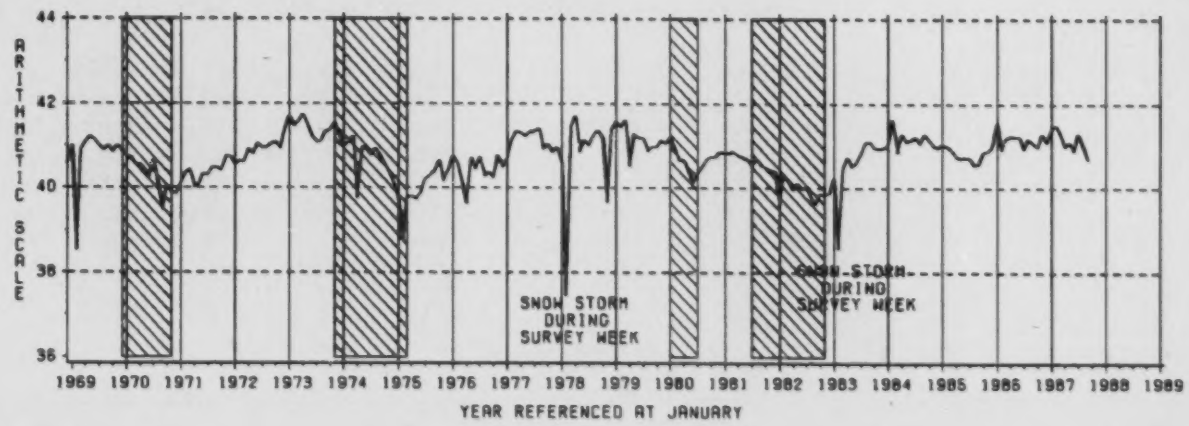
DATE	1984		1985		1986		1987	
	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.
JAN	18,434	18,794	18,450	18,869	17,537	17,882	17,111	17,450
FEB	18,787	19,028	18,307	18,589	17,377	17,640	17,127	17,393
MAR	18,676	18,683	18,475	18,479	17,676	17,671	17,289	17,280
APR	18,770	18,936	18,059	18,213	17,562	17,662	16,904	16,995
MAY	18,819	18,898	17,970	18,059	17,398	17,485	16,986	17,077
JUN	19,092	18,844	18,258	18,022	17,668	17,440	17,109	16,884
JUL	18,666	19,039	17,414	17,761	16,779	17,117	16,650	17,024
AUG	18,789	18,848	17,659	17,722	17,245	17,308	16,724R	16,790R
SEP	19,164	18,837	17,725	17,438	17,617	17,344	16,879P	16,622P
OCT	19,072	18,754	17,832	17,628	17,550	17,318		
NOV	18,986	18,659	17,829	17,612	17,685	17,396		
DEC	18,854	18,712	17,672	17,581	17,380	17,254		

CHART V PRODUCTION WORKER INDICATORS

13. MANUFACTURING EMPLOYMENT – PRODUCTION WORKERS (000)



14. MANUFACTURING WORKWEEK – PRODUCTION WORKERS (HOURS)



15. AGGREGATE MANUFACTURING WEEKLY MANHOURS – PRODUCTION WORKERS (000)

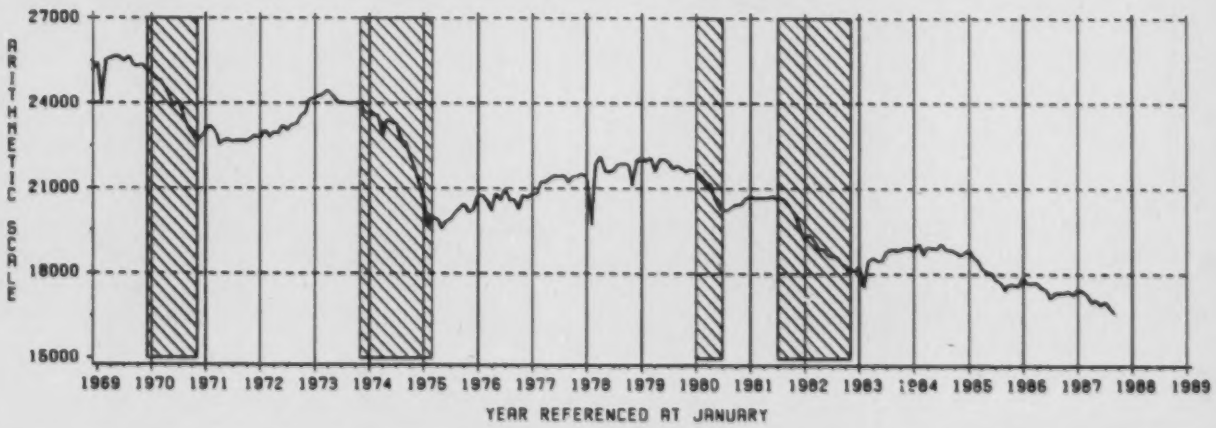


TABLE VI EARNINGS AND PRICE INDICATORS

16. WEEKLY EARNINGS OF MANUFACTURING PRODUCTION WORKERS ($)

DATE	1984	1985	1986	1987
	UNADJUSTED	UNADJUSTED	UNADJUSTED	UNADJUSTED
JAN	384.87	395.50	416.90	426.22
FEB	389.16	393.57	408.44	425.60
MAR	385.40	398.11	415.48	428.08
APR	389.22	398.29	413.06	424.54
MAY	387.04	398.29	413.47	427.22
JUN	390.99	401.88	419.61	428.86
JUL	387.60	398.97	411.08	428.40
AUG	387.32	399.15	416.15	427.99
SEP	394.96	402.93	418.18	430.03
OCT	395.24	407.54	416.75	
NOV	399.51	414.24	425.76	
DEC	401.99	418.97	428.28	

17. CPI FOR URBAN WAGE EARNERS AND CLERICAL WORKERS (UNADJUSTED INDEX 1967=100)

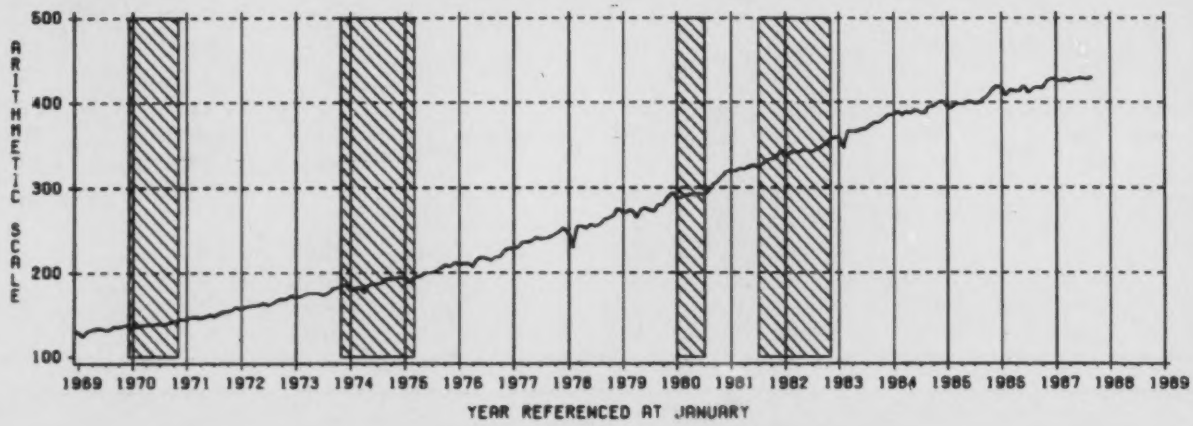
DATE	1984			1985			1986			1987		
	U.S.	N.Y.	PHILA.	U.S.	N.Y.	PHILA.	U.S.	N.Y.	PHILA.	U.S.	N.Y.	PHILA.
JAN	302.7	290.2	296.7	312.6	302.0	309.4	324.3	315.8	323.0	327.7	322.3	329.1
FEB	303.3	290.5	298.5	313.9	303.6	312.4	323.2	314.7	322.8	329.0	324.0	329.9
MAR	303.3	289.9	298.8	315.3	304.2	313.5	321.4	314.5	321.4	330.5	325.7	330.4
APR	304.1	291.2	299.0	316.7	305.1	315.3	320.4	313.2	319.7	332.3	328.2	334.9
MAY	305.4	291.6	300.5	317.8	305.8	317.2	321.4	312.3	320.8	333.4	330.2	337.5
JUN	306.2	293.0	302.7	318.7	306.3	317.2	323.0	314.4	323.5	334.9	331.7	340.4
JUL	307.5	294.7	304.3	319.1	306.5	318.6	322.9	316.5	324.6	335.6	331.6	340.7
AUG	310.3	297.1	306.1	319.6	308.5	318.5	323.4	317.2	324.4	337.4	334.4	343.9
SEP	312.1	299.9	308.5	320.5	309.3	319.1	324.9	317.5	326.7	339.1	337.4	344.2
OCT	312.2	300.4	308.7	321.3	309.9	320.3	325.0	318.7	326.1			
NOV	311.9	301.2	309.2	322.6	312.5	321.5	325.4	318.6	325.4			
DEC	312.2	301.6	307.9	323.4	313.5	322.5	325.7	320.1	326.6			

18. NET SPENDABLE WEEKLY EARNINGS OF MANUFACTURING WORKERS IN 1967 DOLLARS (UNADJUSTED)

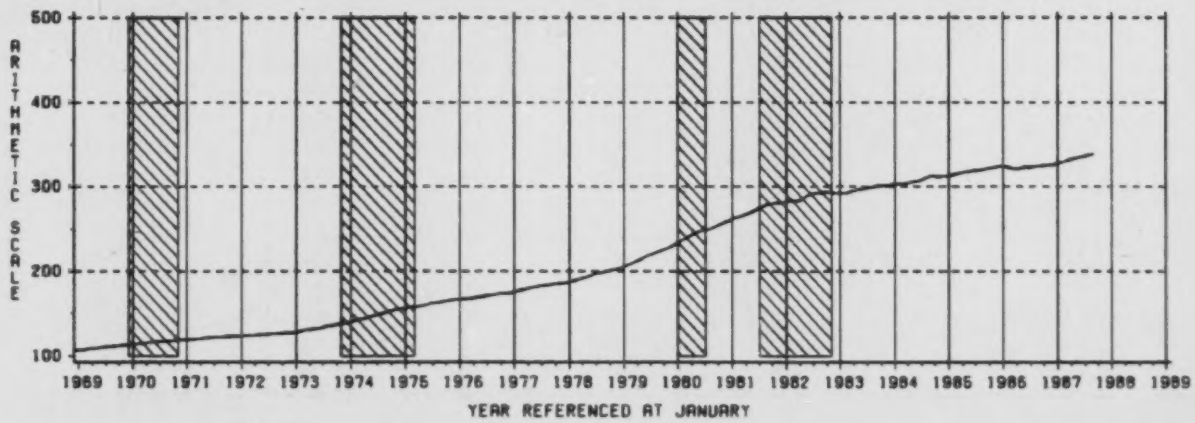
DATE	1984		1985		1986		1987	
	SINGLE	3 DEP	SINGLE	3 DEP	SINGLE	3 DEP	SINGLE	3 DEP
JAN	99.90	108.19	98.28	106.39	98.87	107.01	102.36	109.75
FEB	100.52	108.90	97.14	105.12	97.35	105.24	101.83	109.17
MAR	99.71	108.00	97.81	105.92	99.02	107.15	101.96	109.38
APR	100.33	108.69	97.44	105.51	99.00	107.09	100.22	107.41
MAY	99.51	107.78	97.03	105.07	99.05	107.15	100.03	107.28
JUN	99.77	108.10	97.68	105.83	99.54	107.76	99.68	106.95
JUL	98.50	106.69	96.83	104.87	97.34	105.26	99.57	106.81
AUG	97.75	105.88	96.59	104.61	98.29	106.37	98.61R	105.78R
SEP	98.56	106.82	97.15	105.26	98.30	106.40	98.52P	105.74P
OCT	98.49	106.75	97.95	106.03	97.92	105.98		
NOV	99.21	107.56	98.72	106.94	99.85	108.15		
DEC	99.87	108.30	99.37	107.69	99.91	108.25		

CHART VI EARNINGS AND PRICE INDICATORS

16. WEEKLY EARNINGS OF MANUFACTURING PRODUCTION WORKERS ($) NOT SEASONALLY ADJUSTED



17. U.S. CONSUMER PRICE INDEX FOR URBAN AND CLERICAL WORKERS (UNADJUSTED INDEX 1967=100)



18. NET SPENDABLE WEEKLY EARNINGS OF MANUFACTURING WORKERS (3 DEPENDENTS) IN 1967 DOLLARS (UNADJUSTED)

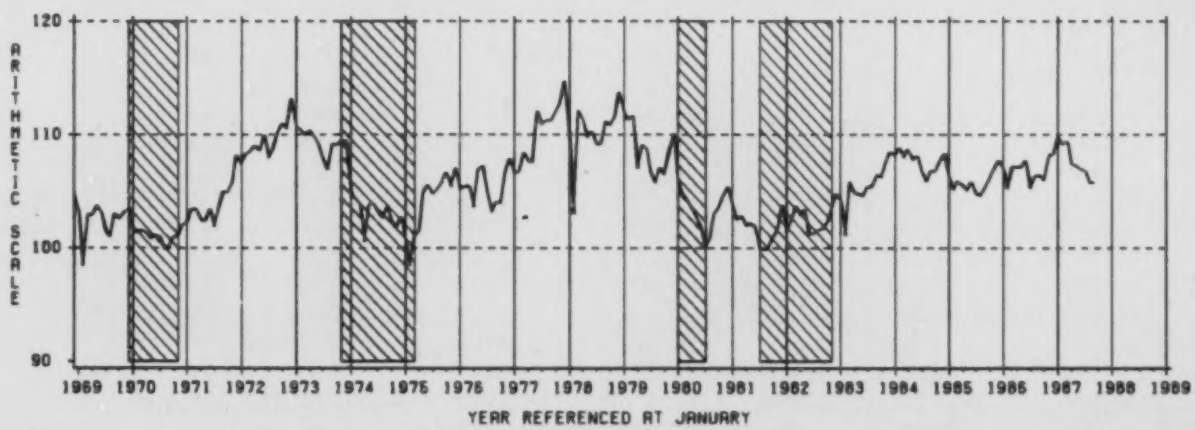


TABLE VII GENERAL BUSINESS INDICATORS

19. NEW BUSINESS INCORPORATIONS (NUMBER)

DATE	1984		1985		1986		1987	
	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.
JAN	2444	2278	2999	2594	2910	2551	2595	2371
FEB	2289	2290	2226	2375	2539	2711	2315	2472
MAR	2445	2199	2533	2385	2787	2677	3183	2953
APR	2176	2129	2627	2461	3345	3001	3287	2973
MAY	2469	2226	2527	2353	3009	2934	2873	2885
JUN	2084	2223	2348	2561	2580	2814	2737	2871
JUL	2469	2497	2478	2376	2975	2787	2586	2475
AUG	2275	2330	2431	2593	2476	2716		
SEP	1979	2196	2483	2728	2639	2786		
OCT	2456	2309	3060	2810	2719	2542		
NOV	1794	2012	2318	2674	2175	2544		
DEC	2766	2983	2428	2531	2976	2966		

20. BUSINESSS FAILURES (NUMBER)

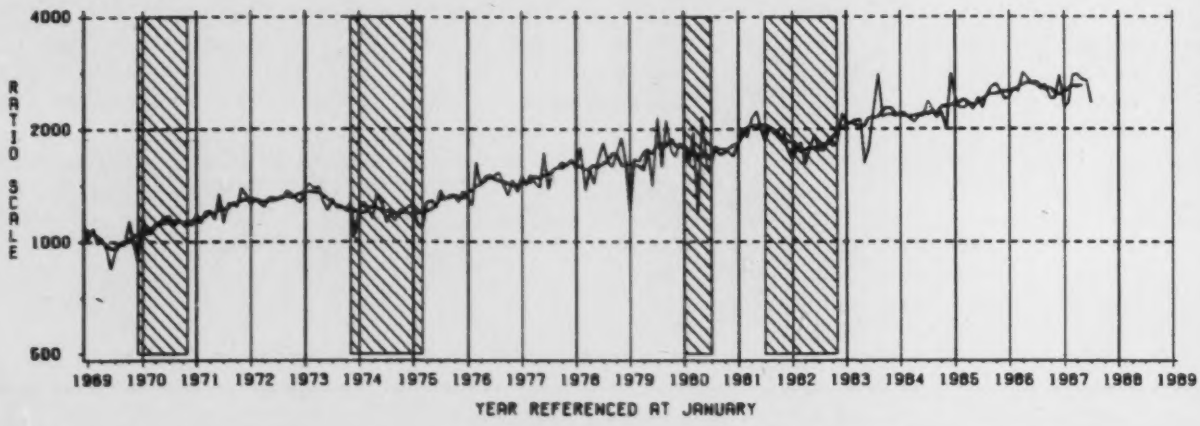
DATE	1984		1985		1986		1987	
	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.
	BREAK IN SERIES							
JAN	80	86	60	56	96	86	74	71
FEB	99	94	73	77	71	74	64	66
MAR	120	98	105	84	95	74	54	44
APR	88	78	89	82	75	64	84	69
MAY	82	69	105	85	94	82	78	70
JUN	87	83	64	67	56	61	65	71
JUL	66	99	91	121	63	81	74	93
AUG	100	83	82	77	60	60		
SEP	70	87	53	70	56	75		
OCT	74	77	92	90	99	91		
NOV	69	77	108	122	68	78		
DEC	70	77	68	77	85	86		

21. INDUSTRIAL ELECTRIC POWER SALES (MILLIONS OF KILOWATT-HOURS)

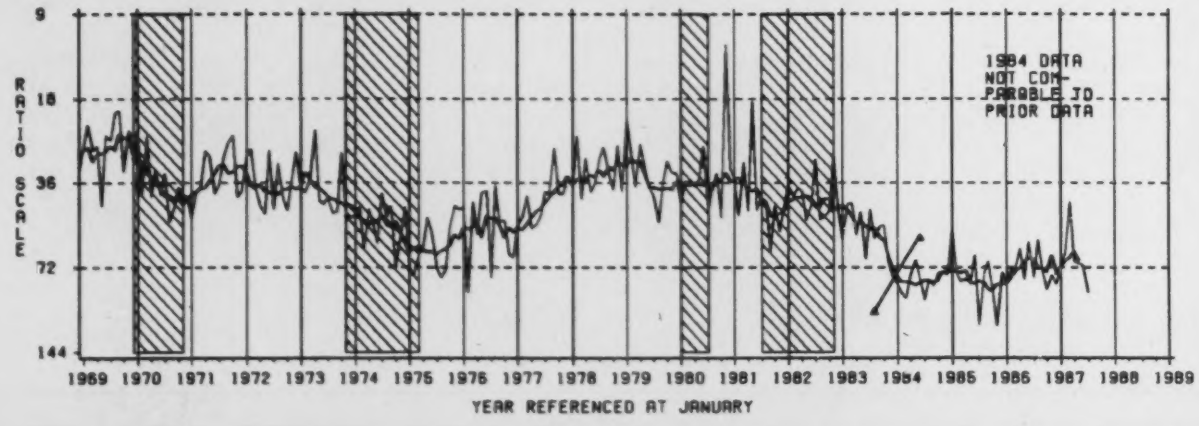
DATE	1984		1985		1986		1987	
	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.
JAN	1243	1303	1253	1307	1233	1297	1234	1292
FEB	1243	1301	1206	1307	1249	1355	1238	1343
MAR	1349	1324	1301	1295	1253	1242	1298	1281
APR	1239	1316	1238	1292	1246	1309	1285	1354
MAY	1328	1301	1343	1320	1361	1330	1347	1335
JUN	1397	1336	1315	1271	1347	1300	1353	1284
JUL	1325	1269	1367	1300	1372	1305	1398P	1338P
AUG	1395	1369	1365	1332	1310	1294		
SEP	1327	1279	1354	1303	1388	1316		
OCT	1330	1283	1340	1294	1346	1308		
NOV	1275	1287	1303	1318	1253	1280		
DEC	1257	1314	1255	1305	1226	1266		

CHART VII GENERAL BUSINESS INDICATORS

19. NEW BUSINESS INCORPORATIONS (NUMBER) SIX-MONTH MOVING AVERAGE



20. BUSINESS FAILURES (NUMBER) SIX-MONTH MOVING AVERAGE - INVERTED



21. INDUSTRIAL ELECTRIC POWER SALES (MILLIONS OF KILOWATT-HOURS)

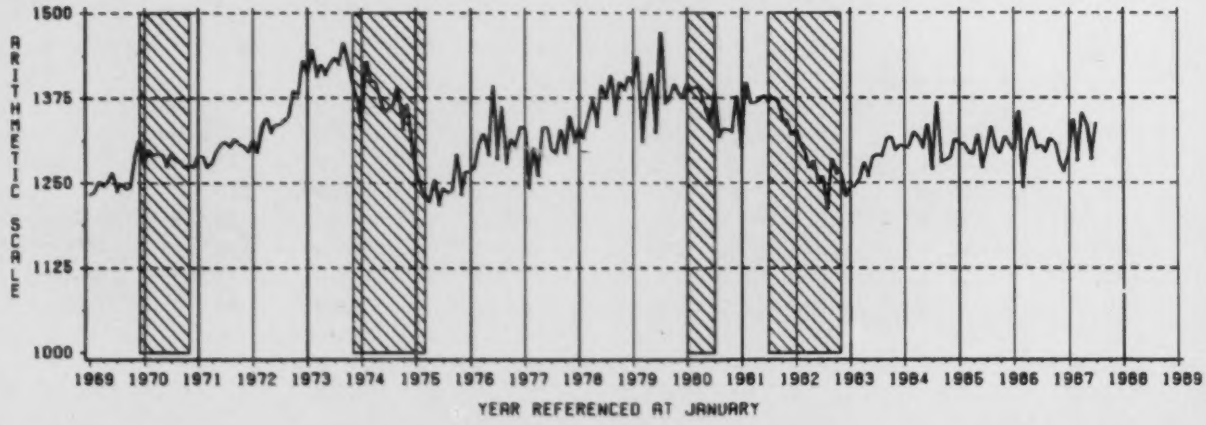


TABLE VIII CONSTRUCTION CONTRACT INDICATORS

22. TOTAL CONSTRUCTION CONTRACTS AWARDED ($000,000)

DATE	1984		1985		1986		1987	
	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.
JAN	450.3	536.4	479.9	569.6	436.6	529.2	443.7	528.0
FEB	371.5	566.5	416.6	633.5	395.0	636.6	490.2	815.8
MAR	536.8	548.7	647.4	640.4	643.6	630.7	916.5	895.1
APR	447.3	432.1	696.8	669.8	965.7	922.9	617.9	591.9
MAY	473.5	429.7	747.1	681.6	819.7	730.3	793.5	740.4
JUN	612.2	496.0	806.1	646.4	786.3	642.9	796.1	659.7
JUL	463.6	480.3	766.8	800.9	850.9	887.7	840.1	880.3
AUG	671.9	589.3	798.1	706.0	723.0	641.5	890.1	790.3
SEP	592.7	561.3	652.5	622.3	959.8R	932.9R	749.6	724.1
OCT	652.6	622.9	752.2	698.6	861.3	784.3		
NOV	553.2	533.8	699.4	685.7	752.8	729.4		
DEC	570.9	641.4	590.8	673.3	602.7	683.7		

23. RESIDENTIAL CONSTRUCTION CONTRACTS AWARDED ($000,000)

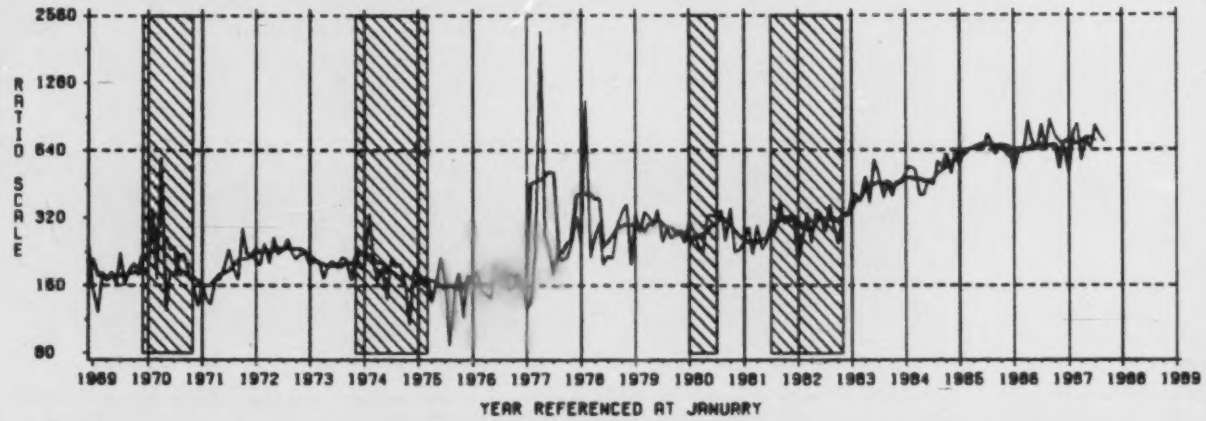
DATE	1984		1985		1986		1987	
	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.
JAN	181.8	230.9	215.0	273.1	249.4	316.3	194.8	247.0
FEB	100.7	179.9	168.1	303.9	186.6	338.6	267.2	484.9
MAR	301.4	314.2	333.5	332.9	320.5	315.5	368.9	363.1
APR	219.3	210.4	355.3	339.3	557.3	527.6	327.6	310.1
MAY	290.3	244.3	396.3	326.3	510.5	417.8	323.5	264.7
JUN	283.9	214.2	439.6	338.4	433.4	341.4	397.9	313.4
JUL	218.6	224.6	502.8	526.4	371.7	390.7	380.8	400.3
AUG	278.1	233.1	423.1	364.8	361.2	315.0	413.7	360.8
SEP	277.4	250.1	339.3	309.9	352.7R	323.2R	325.0	297.8
OCT	316.6	303.2	363.6	335.4	408.0	363.8		
NOV	249.6	264.9	311.9	328.9	325.1	346.0		
DEC	189.6	220.6	322.0	379.1	310.9	365.1		

24. NONRESIDENTIAL CONSTRUCTION CONTRACTS AWARDED ($000,000)

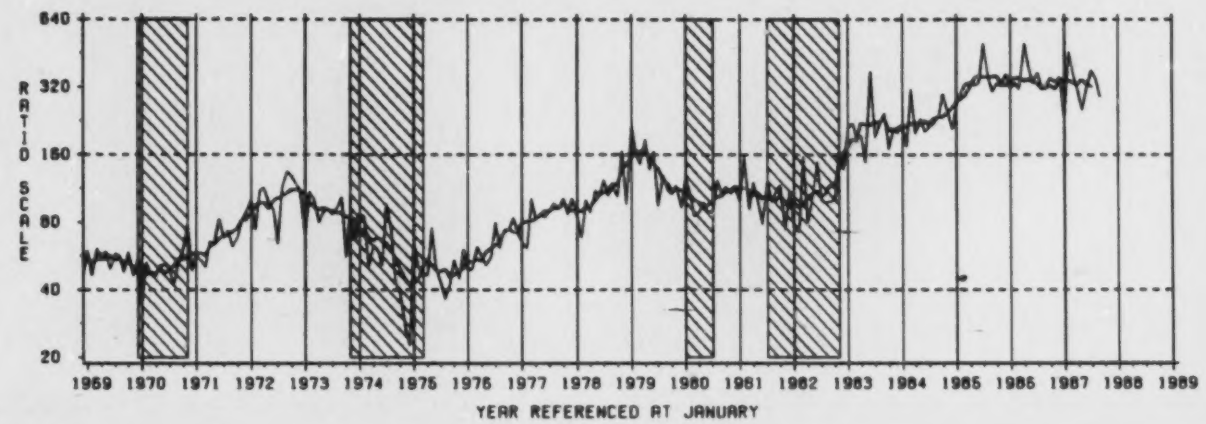
DATE	1984		1985		1986		1987	
	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.
JAN	220.2	257.2	167.6	199.2	142.0	167.8	176.5	208.6
FEB	192.9	308.6	129.8	210.9	140.6	230.2	169.6	277.5
MAR	189.1	188.2	247.6	241.2	230.8	222.9	457.3	441.6
APR	173.4	167.1	228.4	217.4	307.5	294.3	200.0	191.5
MAY	134.3	136.6	252.9	257.5	184.0	187.3	313.5	319.1
JUN	246.4	199.9	321.3	262.7	280.3	228.9	283.1	231.2
JUL	179.4	190.1	182.0	192.5	305.5	323.4	354.7	375.5
AUG	249.4	211.9	241.3	207.4	258.0	222.7	342.5	295.6
SEP	205.0	200.8	178.6	177.7	451.4R	453.9R	299.7	301.4
OCT	250.6	234.5	304.1	278.7	315.4	282.5		
NOV	234.8	200.1	213.9	183.2	324.7	280.4		
DEC	309.9	349.3	195.2	220.6	209.5	236.4		

CHART VIII CONSTRUCTION CONTRACT INDICATORS

22. TOTAL CONSTRUCTION CONTRACTS AWARDED ($000,000) SIX-MONTH MOVING AVERAGE



23. RESIDENTIAL CONSTRUCTION CONTRACTS AWARDED ($000,000) SIX-MONTH MOVING AVERAGE



24. NONRESIDENTIAL CONSTRUCTION CONTRACTS AWARDED ($000,000) SIX-MONTH MOVING AVERAGE

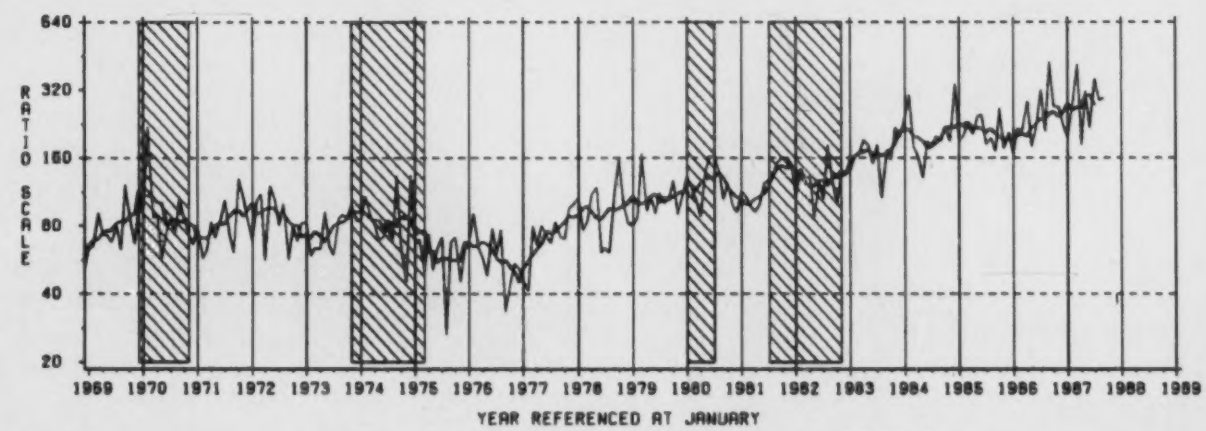


TABLE IX PRIVATE RESIDENTIAL BUILDING PERMITS INDICATORS

25. TOTAL PRIVATE DWELLING UNITS AUTHORIZED BY BUILDING PERMITS (NUMBER)

DATE	1984		1985		1986		1987	
	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.
JAN	1322	2043	2433	3684	2558	4238	2677	4192
FEB	1607	2534	1865	3094	1876	3099	2560	4217
MAR	2278	2423	2937	3308	3098	3458	3797	4191
APR	1998	1906	3861	3542	4818	4447	3362	3098
MAY	3703	3382	4263	3845	4531	4092	3423	3248
JUN	2883	2533	3260	2971	4474	3953	4553	3913
JUL	2935	2719	4138	3760	3998	3572	3410	3073
AUG	2907	2493	4373	3792	3901	3570	2890	2641
SEP	2744	2667	3145	3062	4778	4487		
OCT	2838	2508	3882	3463	4073	3674		
NOV	4263	4171	3375	3370	3285	3437		
DEC	2442	2462	5132	5106	4416	4223		

26. PRIVATE SINGLE-FAMILY DWELLING UNITS AUTHORIZED BY BUILDING PERMITS (NUMBER)

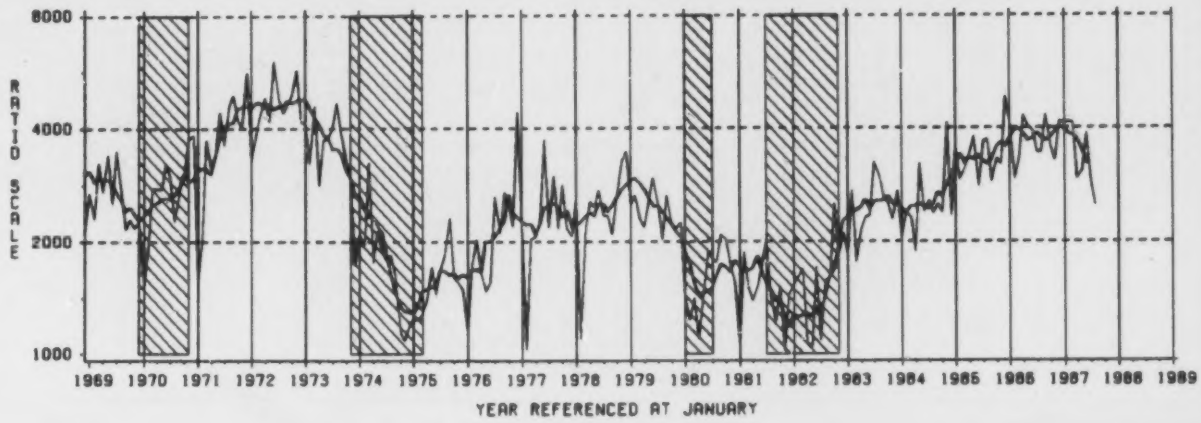
DATE	1984		1985		1986		1987	
	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.
JAN	827	1523	1665	2919	2147	3814	1942	3445
FEB	1005	1906	1345	2554	1414	2619	1929	3573
MAR	1605	1773	1920	2313	2222	2608	2640	3059
APR	1610	1526	2715	2412	3989	3676	2577	2347
MAY	2056	1725	3007	2543	3066	2586	2628	2403
JUN	2267	1938	2283	2027	3482	2989	3057	2448
JUL	2207	1976	2682	2290	2858	2444	2603	2255
AUG	2288	1853	3219	2599	2885	2508	1829	1539
SEP	2060	1968	2111	1990	2910	2576		
OCT	2165	1860	2861	2480	3202	2822		
NOV	2238	2144	2679	2660	2443	2588		
DEC	1760	1793	2631	2621	3162	2991		

27. PRIVATE MULTI-FAMILY (5 OR MORE) DWELLING UNITS AUTHORIZED BY BUILDING PERMITS (NUMBER)

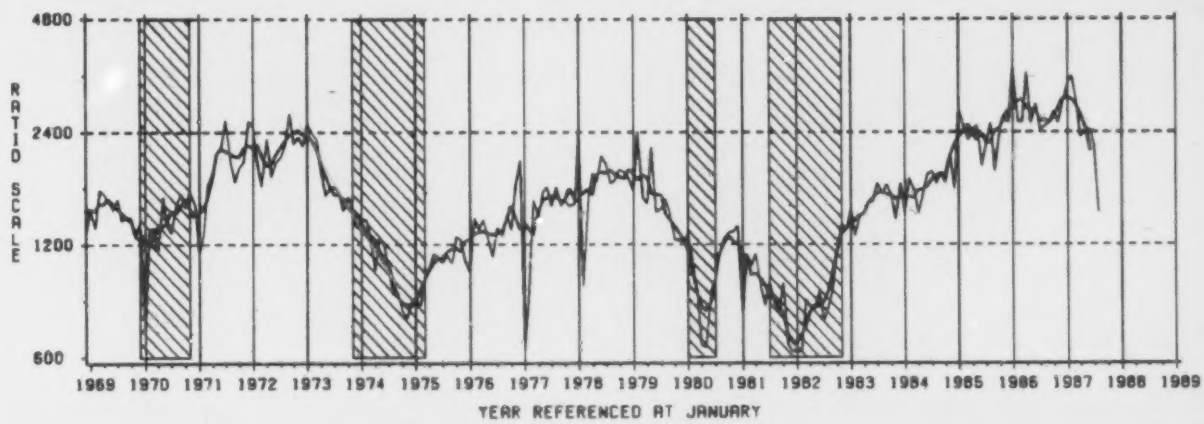
DATE	1984	1985	1986	1987
		**DATA NOT SUITABLE FOR SEASONAL ADJUSTMENT		
	UNADJUSTED	UNADJUSTED	UNADJUSTED	UNADJUSTED
JAN	374	519	251	537
FEB	421	371	279	483
MAR	455	739	696	994
APR	266	637	519	606
MAY	1533	1024	1201	577
JUN	433	796	764	1274
JUL	602	1298	883	652
AUG	509	978	861	818
SEP	558	888	1683	
OCT	478	817	662	
NOV	1900	583	580	
DEC	520	2325	1078	

CHART IX PRIVATE RESIDENTIAL BUILDING PERMIT INDICATORS

25. TOTAL DWELLING UNITS AUTHORIZED BY BUILDING PERMITS (SIX-MONTH MOVING AVERAGE)



26. SINGLE-FAMILY DWELLING UNITS AUTHORIZED BY BUILDING PERMITS (FIVE-MONTH MOVING AVERAGE)



27. MULTI-FAMILY(5+) DWELLING UNITS AUTHORIZED BY BUILDING PERMITS (SIX MONTH MOVING AVERAGE)

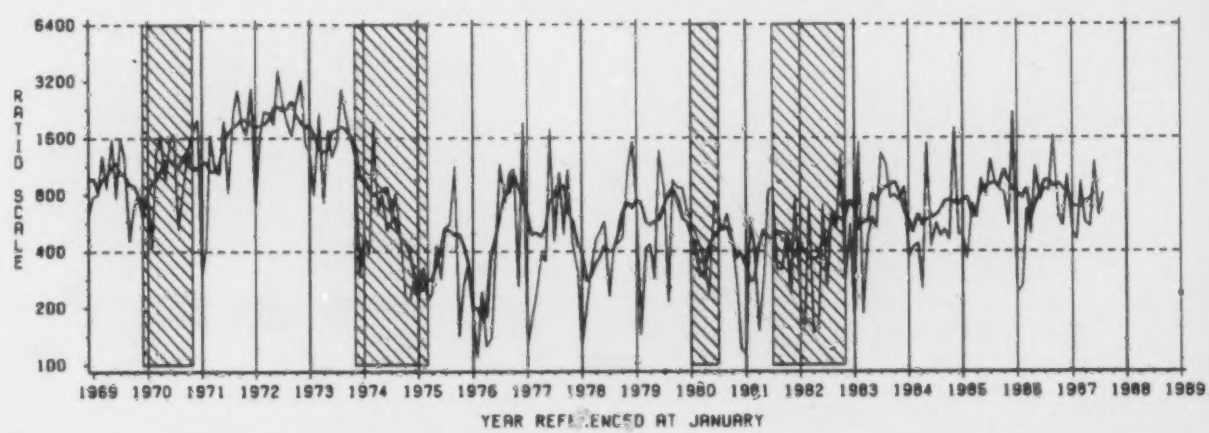


TABLE X TRADE INDICATORS

28. SALES OF RETAIL STORES ($000,000)

DATE	1984		1985		1986		1987	
	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.
JAN	3,172	3,480	3,344	3,627	3,738	4,008	3,689	3,954
FEB	3,126	3,478	3,159	3,666	3,382	3,937	3,633	4,230
MAR	3,362	3,418	3,543	3,691	3,901	4,072	4,181	4,401
APR	3,409	3,535	3,692	3,805	4,017	4,156	4,364	4,445
MAY	3,606	3,533	3,964	3,823	4,466	4,299	4,525	4,442
JUN	3,619	3,571	3,895	3,898	4,255	4,225	4,634	4,579
JUL	3,420	3,510	3,880	3,927	4,247	4,292	4,627R	4,617R
AUG	3,472	3,508	3,960	3,987	4,276	4,382	4,671P	4,785P
SEP	3,321	3,522	3,837	4,038	4,327	4,529		
OCT	3,652	3,650	3,938	3,928	4,352	4,290		
NOV	3,873	3,651	4,062	3,869	4,379	4,259		
DEC	4,581	3,633	4,929	3,948	5,468	4,331		

29. SALES OF RETAIL STORES IN 1967 DOLLARS ($000,000)

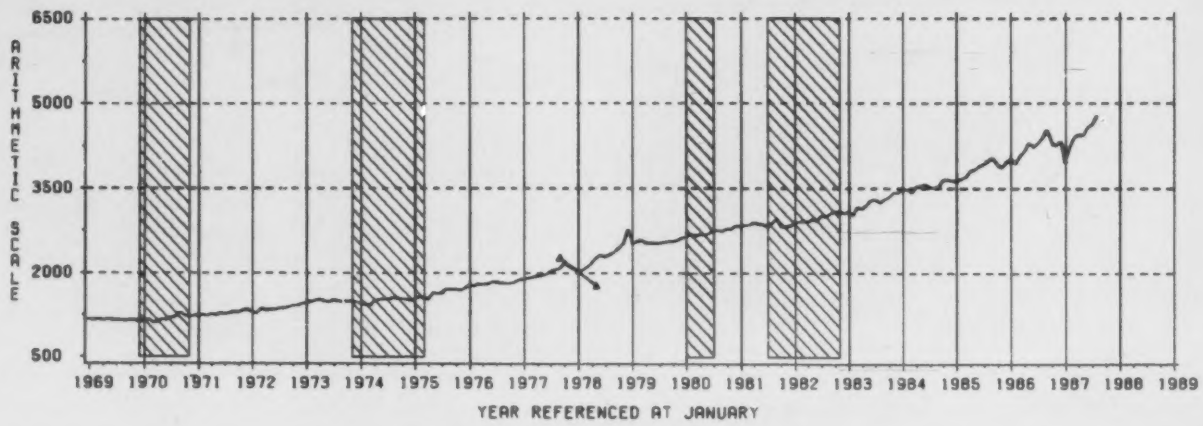
DATE	1984	1985	1986	1987
	ADJUSTED	ADJUSTED	ADJUSTED	ADJUSTED
JAN	1,298	1,315	1,411	1,398
FEB	1,274	1,319	1,399	1,493
MAR	1,253	1,324	1,459	1,544
APR	1,296	1,361	1,506	1,538
MAY	1,297	1,368	1,559	1,535
JUN	1,308	1,400	1,531	1,586
JUL	1,284	1,410	1,549	1,601R
AUG	1,277	1,427	1,580	1,644P
SEP	1,279	1,439	1,623	
OCT	1,326	1,394	1,534	
NOV	1,329	1,368	1,528	
DEC	1,323	1,392	1,549	

30. NEW PASSENGER CAR REGISTRATIONS (NUMBER)

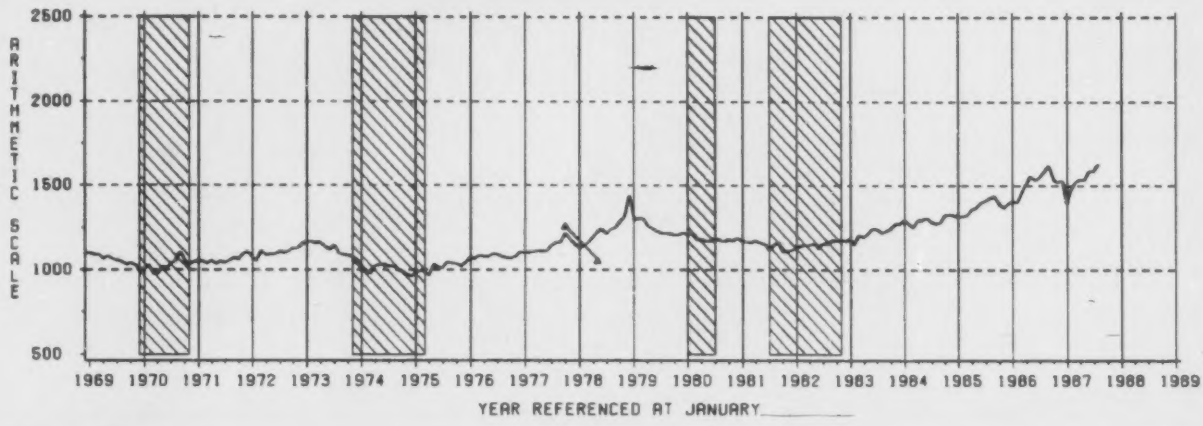
DATE	1984		1985		1986		1987	
	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.
JAN	26,614	30,068	33,384	36,965	40,729	44,338	34,972	37,342
FEB	26,511	31,445	29,952	36,827	36,726	45,326	27,408	33,826
MAR	41,449	35,391	46,612	41,007	43,155	38,444	43,488	38,612
APR	30,471	34,024	36,298	37,136	44,587	46,776	46,390	52,082
MAY	36,751	39,290	33,120	35,125	44,016	45,880	42,702	45,550
JUN	51,432	41,944	40,957	35,956	58,595	50,377	48,476	38,053
JUL	43,701	40,907	40,509	36,050	47,860	45,893	47,436	44,943
AUG	32,215	33,421	36,705	37,929	48,055	51,082	46,447	50,000
SEP	36,409	35,328	37,617	36,313	60,111	52,889		
OCT	48,040	46,127	45,115	44,981	50,831	49,600		
NOV	33,989	38,019	36,598	38,837	33,530	39,868		
DEC	25,662	25,150	37,747	37,520	43,278	40,330		

CHART X TRADE INDICATORS

28. SALES OF RETAIL STORES ($000,000)



29. SALES OF RETAIL STORES IN 1967 DOLLARS ($000,000)



30. NEW PASSENGER CAR REGISTRATIONS (NUMBER) SIX-MONTH MOVING AVERAGE

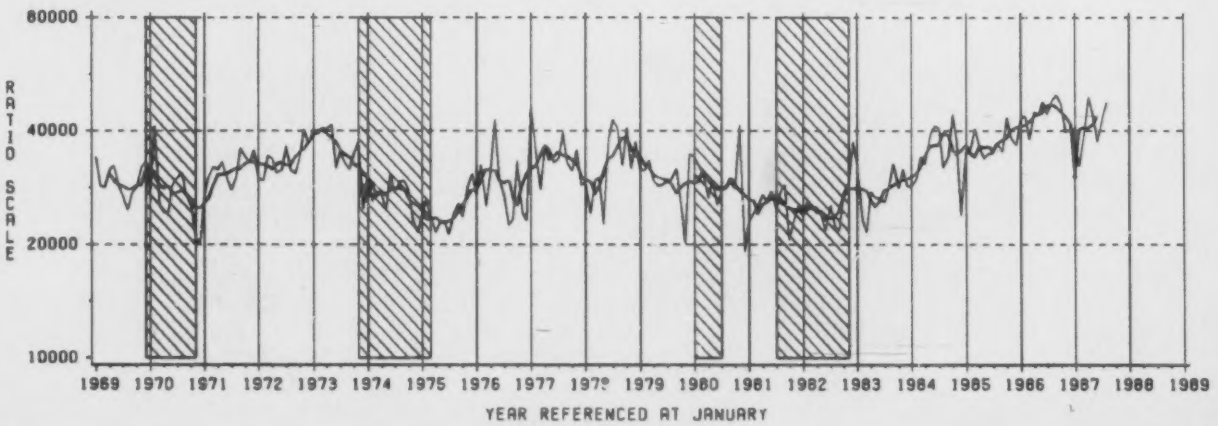


TABLE XI UNEMPLOYMENT INSURANCE CLAIMANTS INDICATORS - I

31. WEEKS CLAIMED (WKLY AVG.) & INSURED UNEMPLOYMENT RATE (IUR%)

DATE	1984		1985		1986		1987	
	WKLY AVG. ADJ.	IUR ADJ.	WKLY AVG. ADJ.	IUR ADJ.	WKLY AVG. ADJ.	IUR ADJ.	WKLY AVG. ADJ.	IUR ADJ.
JAN	92.5	3.1	87.7	2.8	92.0	2.9	68.9	2.1
FEB	91.8	3.1	92.4	3.0	85.7	2.7	70.9	2.2
MAR	92.2	3.1	93.7	3.0	87.0	2.7	70.8	2.2
APR	93.1	3.1	94.2	3.0	85.8	2.7	72.2	2.2
MAY	94.9	3.2	94.2	3.0	86.9	2.7	74.4	2.3
JUN	93.4	3.1	94.6	3.0	88.2	2.7	74.6	2.3
JUL	93.8	3.1	96.3	3.0	88.4	2.7	73.8	2.2
AUG	95.4	3.2	94.1	3.0	87.9	2.7	74.7	2.2
SEP	96.5	3.2	94.8	3.0	85.1	2.6	72.6	2.2
OCT	95.1	3.1	94.5	3.0	80.8	2.5		
NOV	94.4	3.1	92.4	2.9	76.8	2.4		
DEC	90.1	3.0	91.2	2.8	74.2	2.3		

32. INITIAL CLAIMS WEEKLY AVERAGE (NUMBER)

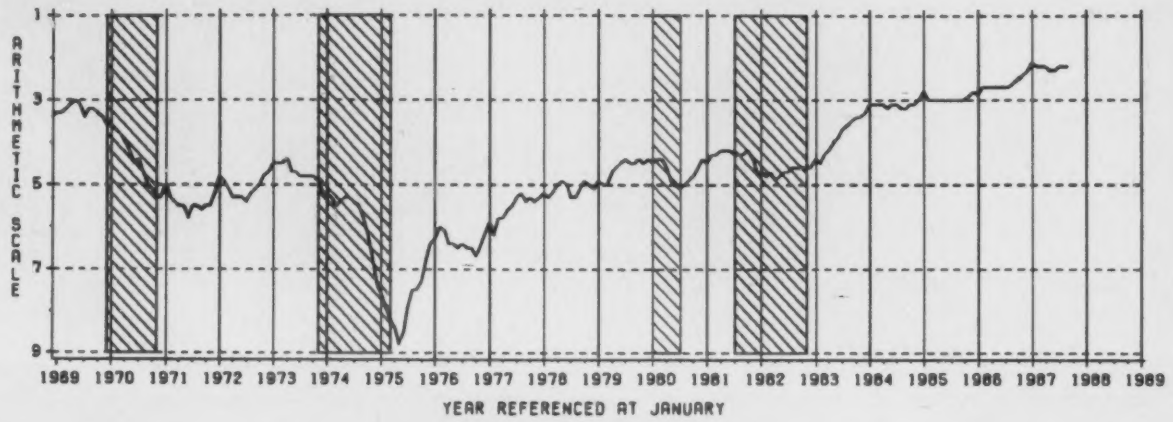
DATE	1984		1985		1986		1987	
	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.
JAN	16,791	11,435	16,523	11,718	15,089	10,527	14,106	9,919
FEB	11,909	11,487	11,495	11,353	10,039	9,921	10,174	10,055
MAR	9,939	11,210	9,755	10,964	9,399	10,161	7,695	8,213
APR	10,785	11,494	10,634	11,381	8,743	9,808	8,187	9,119
MAY	10,042	12,805	8,441	10,692	7,797	9,928	6,458	8,205
JUN	11,472	11,379	10,794	10,715	9,206	8,618	8,058	7,610
JUL	11,571	10,564	11,656	10,854	10,924	10,610	9,157	8,832
AUG	9,528	11,840	8,279	10,256	7,615	9,369	6,191	7,329
SEP	8,476	10,874	9,247	11,214	7,213	8,833	5,808	7,494
OCT	10,193	11,166	8,990	10,291	7,530	8,603		
NOV	10,965	11,357	9,302	9,942	7,732	8,283		
DEC	14,685	10,476	13,974	9,875	12,366	8,882		

33. UNEMPLOYMENT INSURANCE EXHAUSTIONS (NUMBER)

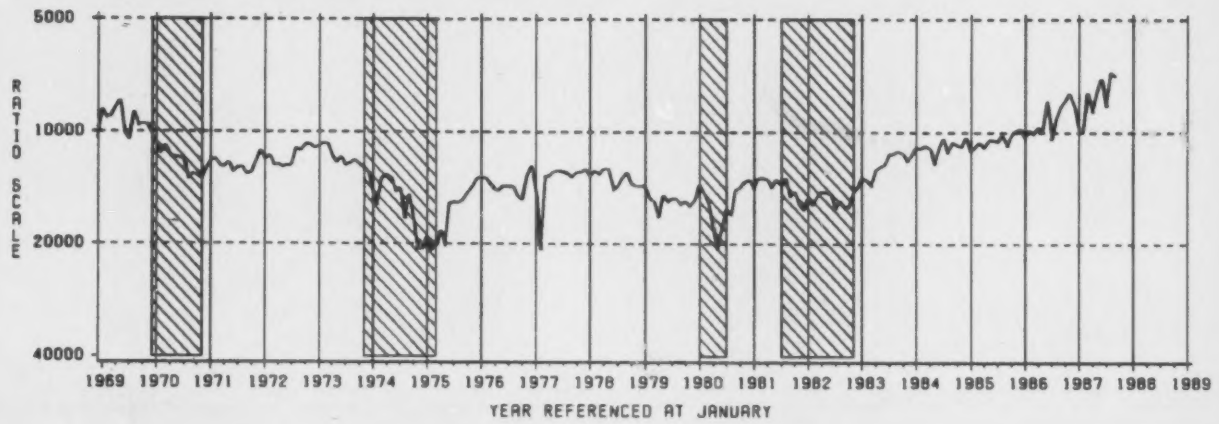
DATE	1984		1985		1986		1987	
	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.
JAN	12,645	12,285	10,971	10,622	9,627	9,289	7,298	7,042
FEB	13,036	13,363	9,945	10,216	9,267	9,524	7,464	7,671
MAR	13,805	10,742	11,160	8,705	13,766	10,795	8,558	6,711
APR	13,791	11,602	12,202	10,297	10,990	9,280	8,665	7,317
MAY	14,499	13,228	10,672	9,732	9,445	8,615	7,757	7,075
JUN	11,442	12,161	8,726	9,341	8,074	8,696	6,905	7,437
JUL	12,386	12,331	10,328	10,174	8,951	8,747	7,454	7,284
AUG	10,994	12,153	8,683	9,658	7,174	8,009	6,240	6,966
SEP	9,013	10,611	7,783	9,166	7,284	8,592	6,324	7,460
OCT	10,521	12,131	8,647	9,824	7,560	8,503		
NOV	10,524	12,484	7,442	8,920	6,324	7,636		
DEC	13,149	12,922	9,167	8,978	8,562	8,362		

CHART XI UNEMPLOYMENT INSURANCE CLAIMANT INDICATORS – I

31. INSURED UNEMPLOYMENT RATE (%) – INVERTED SCALE



32. INITIAL CLAIMS – WEEKLY AVERAGE (NUMBER) – INVERTED SCALE



33. UNEMPLOYMENT INSURANCE EXHAUSTIONS (NUMBER) – INVERTED SCALE

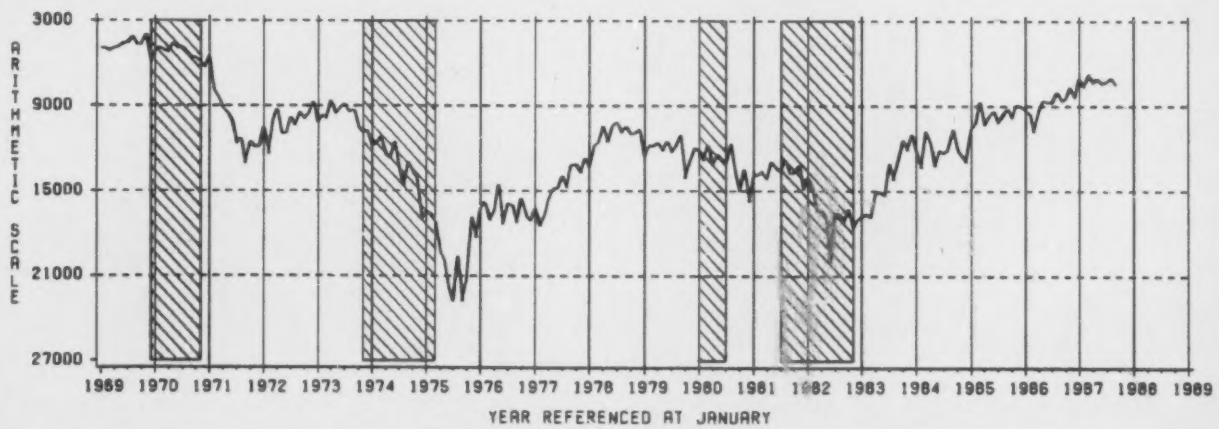


TABLE XII UNEMPLOYMENT INSURANCE CLAIMANTS INDICATORS - II

34. INSURED UNEMPLOYMENT IN MANUFACTURING (000)

DATE	1984		1985		1986		1987	
	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.
JAN	37.9	31.3	39.3	32.4	40.6	34.2	31.6	26.6
FEB	39.2	32.5	41.9	34.9	37.0	30.9	30.6	26.0
MAR	35.9	31.2	42.1	36.9	36.3	32.2	27.6	24.4
APR	32.8	30.0	40.8	37.7	31.7	29.7	27.9	26.0
MAY	33.9	33.9	36.0	36.1	29.6	30.1	23.8	24.1
JUN	29.1	31.6	33.8	36.3	28.8	31.4	21.0	22.8
JUL	31.7	33.4	36.2	37.4	32.6	33.3	23.2	24.3
AUG	31.9	36.0	30.7	34.4	28.8	31.8	20.4	23.1
SEP	30.0	36.3	28.9	34.9	24.9	29.6	18.4	22.4
OCT	32.8	38.8	33.3	37.1	23.4	26.9		
NOV	28.5	33.0	33.2	36.0	23.9	27.3		
DEC	36.6	35.4	37.9	35.7	25.7	25.3		

35. INSURED UNEMPLOYMENT IN CONSTRUCTION (000)

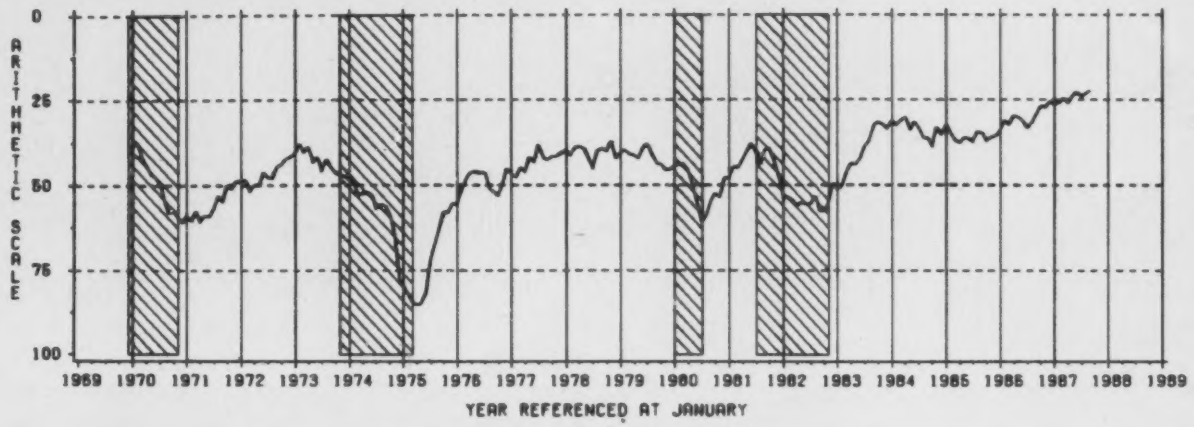
DATE	1984		1985		1986		1987	
	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.
JAN	13.5	10.2	9.6	7.2	14.0	10.5	9.6	7.2
FEB	19.2	9.8	19.9	10.1	19.6	9.9	20.0	10.1
MAR	19.0	9.4	19.1	9.2	20.9	9.9	19.6	9.3
APR	13.6	9.4	12.8	8.8	13.5	9.3	10.8	7.5
MAY	8.6	8.3	7.3	7.1	9.2	9.0	7.5	7.3
JUN	5.1	6.6	7.1	9.4	6.9	9.2	5.1	6.8
JUL	4.5	7.4	7.1	11.8	5.7	9.6	4.4	7.3
AUG	4.4	8.6	4.9	9.7	4.7	9.4	3.4	6.8
SEP	3.6	7.1	4.8	9.6	4.8	9.7	3.0	6.1
OCT	3.2	6.7	4.1	8.9	4.5	10.0		
NOV	3.9	7.3	5.3	10.0	4.4	8.3		
DEC	6.2	8.0	7.4	9.5	7.8	9.9		

36. INSURED UNEMPLOYMENT IN PRIVATE SERVICE-PRODUCING INDUSTRIES (000)

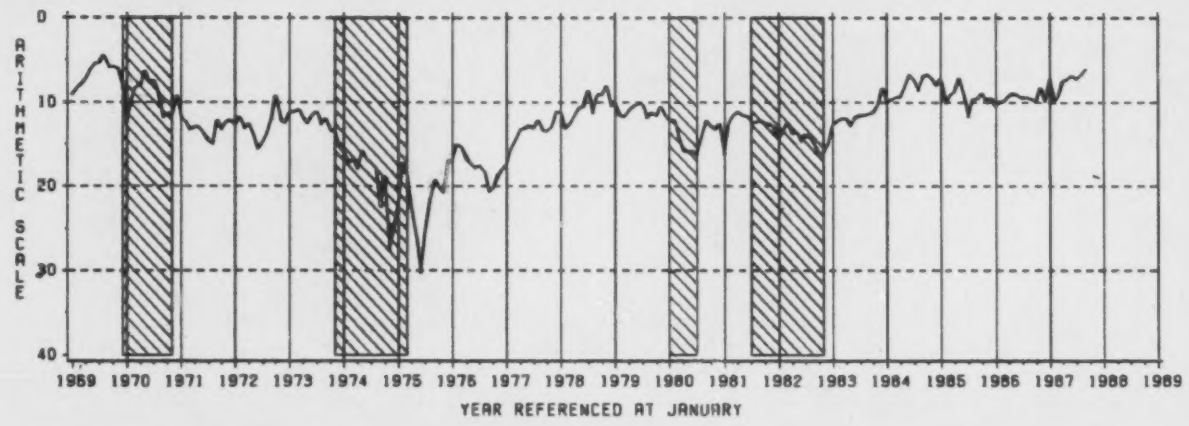
DATE	1984		1985		1986		1987	
	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.	UNADJ.	ADJ.
JAN	50.5	45.5	44.7	40.4	48.5	44.1	38.1	34.6
FEB	50.8	45.4	45.8	41.0	47.3	42.4	41.6	37.2
MAR	48.6	45.1	45.7	42.3	44.8	41.5	37.7	34.9
APR	41.8	42.9	41.5	42.5	42.0	43.1	36.7	37.8
MAY	38.7	43.3	38.1	43.0	38.3	43.4	34.9	39.6
JUN	39.6	43.8	39.1	43.2	37.8	41.6	33.5	36.9
JUL	45.4	43.4	46.0	43.8	42.9	40.8	41.1	39.1
AUG	44.3	41.9	46.1	43.5	43.3	40.9	40.9	38.6
SEP	40.5	43.1	42.1	44.4	38.4	40.4	34.9	36.8
OCT	38.7	42.8	33.6	37.4	34.3	38.2		
NOV	37.9	39.7	38.7	41.1	36.5	38.7		
DEC	44.1	42.3	43.0	41.9	36.6	35.4		

CHART XII UNEMPLOYMENT INSURANCE CLAIMANT INDICATORS –II

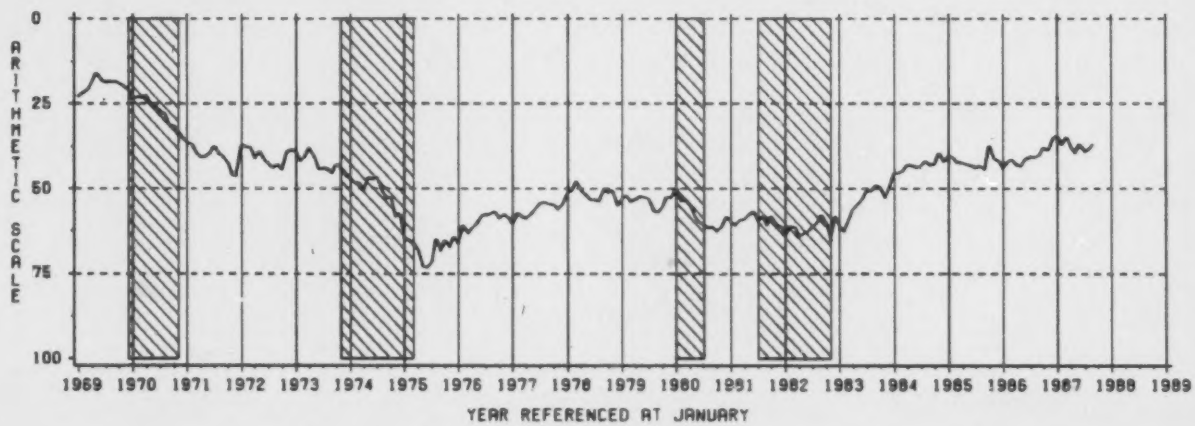
34. INSURED UNEMPLOYMENT IN MANUFACTURING (000) – INVERTED SCALE



35. INSURED UNEMPLOYMENT IN CONSTRUCTION (000) – INVERTED SCALE



36. INSURED UNEMPLOYMENT IN PRIVATE SERVICE–PRODUCING INDUSTRIES (000) – INVERTED SCALE



NONFARM PAYROLL EMPLOYMENT IN NEW JERSEY

(THOUSANDS)

	1986 SEP	OCT	NOV	DEC	1987 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
SEASONALLY ADJUSTED													
TOTAL NONFARM	3497.2	3520.1	3527.8	3538.6	3553.6	3560.8	3568.1	3570.3	3567.4	3565.9	3557.8	3556.8	3567.0
PRIVATE SECTOR	2960.2	2980.0	2986.9	2996.9	3014.3	3020.4	3025.8	3024.1	3023.9	3025.6	3022.8	3022.0	3028.9
GOODS PRODUCING	847.3	850.3	851.9	855.2	860.1	859.1	860.4	856.6	853.3	850.7	847.9	845.2	846.2
PRIVATE SERVICE PROD.	2112.9	2129.7	2135.0	2141.7	2154.2	2161.3	2165.4	2167.5	2170.6	2174.9	2174.9	2176.8	2182.7
PUBLIC SECTOR	537.0	540.1	540.9	541.7	539.3	540.4	542.3	546.2	543.5	540.3	535.0	534.8	538.1
NOT SEASONALLY ADJUSTED													
TOTAL NONFARM	3513.2	3538.7	3545.2	3548.4	3478.3	3472.5	3506.9	3551.8	3575.9	3623.1	3612.3	3606.7	3584.3
TOTAL GOODS PRODUCING	862.4	865.9	862.1	855.7	833.5	828.3	839.2	849.7	855.5	863.6	856.9	860.9	862.2
MINING	2.3	2.3	2.2	2.3	2.1	2.1	2.1	2.2	2.3	2.3	2.4	2.4	2.4
CONSTRUCTION	164.9	166.8	164.7	160.5	146.9	141.4	149.5	163.8	168.9	174.3	178.2	180.3	179.1
MANUFACTURING	695.2	696.8	695.2	692.9	684.5	684.8	687.6	683.7	684.3	687.0	676.3	678.2	680.7
DURABLE GOODS	324.1	325.9	325.4	325.2	321.6	320.0	321.5	319.8	317.6	318.4	313.4	311.4	314.5
LUMBER & WOOD PRODUCTS	6.9	7.0	7.1	7.1	7.0	7.0	7.1	7.2	7.2	7.2	7.1	7.2	7.2
FURNITURE & FIXTURES	13.2	13.2	13.2	13.1	13.1	13.1	13.2	13.1	13.0	13.1	12.9	13.1	13.2
STONE,CLAY,GLASS PRODUCTS	25.0	25.1	24.9	24.8	24.2	24.0	24.6	24.7	24.7	24.6	24.2	24.5	24.4
GLASS & GL./PRESSED,BLOWN	7.5	7.6	7.5	7.5	7.4	7.6	7.9	7.8	7.9	7.8	7.8	7.7	7.8
POTTERY & REL. PROD.	3.9	4.0	4.0	4.0	4.0	3.9	3.9	3.9	3.9	3.9	3.8	3.8	3.8
PRIMARY METALS INDUSTRIES	19.8	19.5	19.2	19.4	19.1	18.9	18.9	18.6	18.5	18.4	18.1	18.0	18.3
BLAST FURN. & BASIC STEEL	3.5	3.4	3.5	3.5	3.5	3.4	3.4	3.4	3.3	3.2	3.2	3.3	3.3
IRON & STEEL FOUNDRIES	3.5	3.5	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.7	3.6	3.4	3.6
PRIMARY & SEC. NONFER.	1.5	1.3	1.2	1.1	0.8	0.6	0.6	0.5	0.4	0.4	0.4	0.3	0.4
NONFER. ROLL. & DRAWING	7.3	7.3	7.3	7.3	7.2	7.2	7.2	7.1	7.2	7.2	7.2	7.2	7.2
FAB. METALS, INCL. ORD.	49.4	49.9	50.2	49.7	49.6	48.8	48.7	48.4	47.8	48.0	47.2	47.1	47.8
METAL CANS	4.0	4.1	4.0	4.0	3.9	3.8	3.8	3.8	3.8	3.8	3.7	3.7	3.6
CUTLERY, TOOLS & HARDWARE	5.6	5.7	5.9	5.8	5.7	5.6	5.6	5.5	5.3	5.2	4.7	4.9	5.3
FAB. STRUCT. METAL PROD.	12.8	12.9	12.8	12.8	12.9	12.6	12.3	12.3	12.2	12.3	12.3	12.3	12.5
METAL STAMPINGS	5.3	5.3	5.3	5.1	5.2	5.1	5.1	5.1	5.1	5.1	4.9	4.9	5.0
MACHINERY, EXCEPT ELEC.	55.3	55.1	55.0	55.1	55.1	55.0	55.0	55.0	54.4	54.2	53.3	51.9	52.5
CONSTRUCTION & REL.MACH.	3.2	3.2	3.2	3.1	3.1	3.0	3.0	3.0	3.0	3.0	3.0	2.9	2.9
METALWORKING MACHINERY	6.7	6.6	6.6	6.6	6.6	6.5	6.4	6.3	6.2	6.3	6.1	6.0	6.1
SPECIAL INDUSTRY MACH.	7.2	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.1	7.2	7.2	7.1	7.1
GENERAL INDUSTRY MACH.	11.8	11.8	11.5	11.6	11.5	11.5	11.5	11.4	11.3	11.1	10.9	10.4	10.7
REFRIGERATION MACH.	5.9	6.0	6.3	6.3	6.6	6.9	7.0	7.1	7.1	7.1	6.8	6.6	6.8
ELECTRICAL EQUIP. & SUPP.	89.1	90.1	90.3	89.9	88.7	88.5	88.7	87.5	87.0	87.5	86.2	85.5	85.9
ELEC. TEST & DIST. EQUIP.	4.3	4.4	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.6	4.5	4.6	4.5
ELECTRICAL IND. APPARATUS	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.4	2.5	2.4	2.4	2.5
ELEC. LIGHT. & WIRING	11.6	11.7	11.6	11.7	11.3	11.3	11.4	11.2	11.1	11.1	11.1	10.9	11.1
RADIO & TV REC. EQUIPMENT	3.8	3.8	3.8	3.7	3.3	3.2	3.2	3.2	3.1	3.1	2.9	3.1	3.2
COMMUNICATION EQUIPMENT	43.8	44.2	44.1	43.7	43.5	43.4	43.4	42.7	42.7	43.2	43.1	42.7	42.2
ELECTRON. COMP. & ACCESS.	16.7	16.9	16.9	16.8	16.6	16.5	16.5	16.4	16.3	16.4	16.0	15.9	16.0
TRANSPORTATION EQUIPMENT	12.3	12.4	12.4	13.3	13.1	13.0	13.3	13.4	13.2	13.2	12.9	12.8	13.1
MOTOR VEHICLES	7.3	7.5	7.5	8.5	8.6	8.6	8.7	8.7	8.6	8.6	8.4	8.3	8.5
AIRCRAFT & PARTS	2.5	2.5	2.5	2.5	2.4	2.3	2.5	2.5	2.4	2.4	2.4	2.4	2.5
SHIP & BOAT BLDG. & REP.	1.9	1.8	1.8	1.8	1.6	1.6	1.6	1.7	1.7	1.7	1.6	1.6	1.6
INSTRUMENTS & REL. PROD.	32.2	32.3	32.2	32.3	31.8	31.6	31.7	31.5	31.3	31.6	31.3	31.1	31.1
ENGINEER. & SCIENT. INST.	6.5	6.5	6.5	6.6	6.5	6.4	6.4	6.4	6.4	6.5	6.5	6.4	6.4
MEASURING & CONTROL INST.	6.6	6.8	6.5	6.5	6.3	6.1	6.1	6.1	6.0	6.0	6.0	5.9	5.9
MISCELL. MFG. INDUSTRIES	21.0	21.2	20.9	20.5	19.9	20.1	20.3	20.4	20.5	20.6	20.2	20.2	20.6
TOYS,JEWELRY & SPORT. GDS.	3.6	3.6	3.5	3.3	3.2	3.4	3.6	3.5	3.4	3.3	3.0	3.3	3.4
NONDURABLE GOODS	371.1	371.0	369.8	367.7	362.9	364.8	366.1	363.9	366.7	368.6	362.9	366.8	366.2
FOOD & KINDRED PRODUCTS	50.6	50.4	50.6	50.6	49.6	49.2	49.4	49.0	49.7	49.8	50.1	50.5	50.0
PRESERVED FRUITS & VEG.	11.7	11.6	11.6	11.4	10.7	10.5	10.5	10.4	11.0	11.0	11.0	11.3	11.3
GRAIN MILL & BAKERY PROD.	13.5	13.3	13.4	13.6	13.4	13.2	13.4	13.6	13.4	13.1	13.3	13.5	13.2
BEVERAGES	5.1	5.1	5.1	5.1	4.9	4.9	5.0	4.9	5.2	5.3	5.7	5.6	5.4
TOBACCO MANUFACTURES	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
TEXTILE MILL PRODUCTS	14.0	14.1	13.9	13.9	13.6	13.7	13.6	13.9	14.1	14.0	13.5	14.1	14.2
BROAD WOVEN FABRIC MILLS	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.5	1.5
TEXTILE FIN., EXCEPT WOOL	3.6	3.6	3.5	3.5	3.4	3.4	3.4	3.5	3.6	3.6	3.6	3.6	3.7

NOTE: NONFARM PAYROLL EMPLOYMENT INCLUDES CIVILIANS ON NONFARM ESTABLISHMENT PAYROLLS WHO WORKED OR RECEIVED PAY FOR ANY PART OF THE PAY PERIOD INCLUDING THE 12TH OF THE MONTH. IT EXCLUDES PROPRIETORS, SELF-EMPLOYED, UNPAID FAMILY WORKERS, AND DOMESTICS IN PRIVATE HOUSEHOLDS. DATA ARE ADJUSTED TO MARCH 1986 BENCHMARKS AND ARE NOT ADDITIVE.

NONFARM PAYROLL EMPLOYMENT IN NEW JERSEY

(THOUSANDS)

	1986 SEP	OCT	NOV	DEC	1987 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
APPAREL & OTHER TEXTILE PROD	46.8	47.5	46.4	45.2	43.2	43.9	44.2	43.8	45.1	45.5	42.4	44.0	45.0
MEN'S & BOYS' SUITS & COATS	1.9	1.9	1.8	1.9	1.9	1.8	1.8	1.7	1.7	1.8	1.8	1.6	1.7
MEN'S & BOYS' FURNISHINGS	3.4	3.5	3.5	3.4	3.5	3.5	3.5	3.6	3.5	3.5	3.4	3.5	3.6
WOMEN'S & MISSES' OUTERWEAR	22.8	22.9	22.1	21.1	19.5	20.1	20.3	20.1	21.6	22.1	20.2	21.4	21.8
WOMEN'S & CHILD UNDERGARM.	4.2	4.4	4.3	4.2	4.2	4.2	4.1	4.1	4.1	4.0	3.9	3.8	3.9
PAPER & ALLIED PRODUCTS	29.1	28.9	29.1	29.0	28.7	28.7	28.7	28.2	28.0	28.2	27.7	28.0	27.7
PAPER/P'B'R'D MILLS	2.5	2.5	2.5	2.4	2.5	2.5	2.5	2.3	2.3	2.4	2.3	2.4	2.3
PAPERBOARD CONT. & BOXES	11.1	11.0	11.1	11.1	11.0	11.0	11.0	10.8	10.7	10.8	10.6	10.9	10.7
PRINTING AND PUBLISHING	65.0	65.1	65.2	65.1	64.2	64.3	64.7	64.5	64.6	64.4	64.0	63.7	63.2
NEWSPAPERS	17.6	17.8	18.0	18.0	17.7	17.9	18.0	18.1	18.2	18.1	18.1	18.3	18.2
COMMERCIAL PRINTING	19.8	19.8	19.6	19.6	19.6	19.6	19.9	19.7	19.8	19.7	19.7	19.5	19.4
CHEMICALS & ALLIED PRODUCTS	117.6	116.8	116.5	116.2	115.8	116.6	116.8	116.1	116.9	118.1	118.0	118.4	117.7
INDUSTRIAL INORGANIC CHEM.	8.6	8.5	8.5	8.5	8.0	7.9	7.8	7.7	7.7	7.8	7.8	7.6	7.5
PLASTIC MATERIALS/SYNTHETIC	6.5	6.4	6.4	6.4	6.4	6.4	6.5	6.4	6.4	6.5	6.6	6.5	6.5
DRUGS	43.3	43.4	43.6	43.7	43.5	44.0	44.0	43.9	44.1	44.6	44.7	44.7	44.5
SOAPS, CLEANERS & TOIL GOOD	24.7	23.8	23.8	23.6	24.5	25.0	25.3	24.8	25.3	25.7	25.5	26.1	25.8
PAINTS & ALLIED PROD.	4.5	4.5	4.4	4.4	4.4	4.4	4.4	4.4	4.4	4.5	4.5	4.5	4.4
INDUSTRIAL ORGANIC CHEMICAL	20.6	20.7	20.5	20.5	20.2	20.1	20.0	20.2	20.2	20.1	20.2	20.4	20.3
PETROLEUM & COAL PRODUCTS	8.4	8.3	8.3	8.3	8.2	8.1	8.2	8.2	8.2	8.3	8.3	8.2	8.1
PETROLEUM REFINING	6.4	6.3	6.3	6.3	6.3	6.2	6.2	6.2	6.2	6.3	6.3	6.2	6.2
RUBBER & MISC. PLASTIC PROD.	36.1	36.2	36.3	36.1	36.3	36.8	37.0	36.7	36.6	36.6	35.6	36.4	36.7
RUBBER & RUBBER PROD.	6.1	6.0	6.0	6.0	6.1	6.2	6.2	6.2	6.1	6.3	6.2	6.3	6.5
MISCELLANEOUS PLASTIC PROD.	30.1	30.2	30.3	30.1	30.2	30.6	30.8	30.5	30.5	30.3	29.4	30.1	30.2
LEATHER & LEATHER PRODUCTS	3.3	3.5	3.4	3.3	3.1	3.3	3.3	3.3	3.3	3.5	3.1	3.3	3.4
HANDBAGS, PERS. LEATHER GDS	1.3	1.5	1.4	1.3	1.2	1.3	1.3	1.3	1.3	1.4	1.2	1.4	1.4
TOTAL SERVICE PRODUCING	2651.0	2672.9	2683.0	2692.7	2644.8	2644.2	2667.7	2702.1	2720.4	2759.5	2755.4	2745.8	2722.1
PRIVATE-SERVICE PRODUCING	2129.2	2134.6	2138.0	2148.0	2108.0	2102.0	2120.8	2152.6	2175.4	2213.1	2220.2	2216.7	2199.2
TRANSPORTATION, COMMUN., ELECTRIC, GAS & SAN. SERV.	232.3	232.1	232.7	232.1	230.6	230.7	230.5	230.7	231.0	232.2	229.7	230.7	234.1
RAILROAD TRANSPORTATION	5.8	5.8	5.8	5.9	5.9	5.8	5.9	5.9	5.8	5.8	5.8	5.8	5.8
OTHER TRANSPORTATION	135.5	135.6	136.1	135.5	133.8	134.1	134.4	135.0	135.2	135.7	133.2	134.3	138.5
COMMUNICATIONS	62.0	61.8	61.9	61.7	61.8	61.7	61.1	60.7	60.8	61.0	60.9	61.0	60.5
ELEC, GAS & SANITARY SERV	28.9	28.9	28.9	29.0	29.1	29.1	29.1	29.1	29.2	29.7	29.8	29.6	29.3
WHOLESALE/RETAIL TRADE	843.0	847.5	850.4	865.0	836.6	827.8	833.6	845.4	855.4	872.2	871.1	868.0	864.6
WHOLESALE TRADE	256.7	257.7	257.9	258.5	257.2	257.8	258.3	259.2	259.4	261.1	262.6	263.0	262.8
RETAIL TRADE	586.2	589.8	592.5	606.5	579.4	570.0	575.3	586.2	596.0	611.1	608.5	605.0	601.8
BLDG/MAT/HRDWR/GARDEN SU	19.5	19.6	19.7	19.8	19.2	19.0	19.8	20.6	21.1	21.3	21.3	21.2	21.0
GENERAL MERCHANDISE STOR	80.9	84.5	89.0	96.0	87.7	83.5	82.8	83.4	84.0	85.3	85.8	85.2	84.7
FOOD STORES	105.8	106.3	106.9	107.5	102.7	102.3	102.6	105.5	105.9	107.9	110.1	109.5	109.2
AUTO DEALERS & SERV. STA	59.3	59.6	59.7	59.8	60.0	59.8	60.1	60.7	61.1	61.7	62.0	61.9	61.4
APPAREL & ACCESSORIES	51.0	52.0	52.6	53.8	50.7	49.1	50.1	51.4	51.9	53.1	52.9	53.1	53.0
EATING & DRINK. PLACES	160.1	155.7	149.9	150.5	145.8	144.8	148.1	152.9	159.7	168.6	162.7	160.4	158.2
FINANCE/INSUR./REAL EST.	211.1	211.0	212.0	212.5	213.0	212.8	214.2	216.1	217.9	222.0	224.8	224.7	221.5
BANKING	52.1	52.0	52.4	52.6	52.9	52.7	53.1	53.1	53.2	54.5	55.1	55.1	54.3
INS. AGENTS & CARRIERS	78.9	79.0	79.3	79.3	79.7	79.5	79.8	80.0	80.2	80.7	81.5	81.4	80.9
SERVICES	842.8	844.0	842.9	838.4	827.8	830.7	842.5	860.4	871.1	886.7	894.6	893.3	879.0
HOTELS,CAMPS,LODG. PLACE	64.4	63.6	62.0	60.8	60.3	60.8	63.4	66.2	69.3	73.2	75.3	74.6	70.8
CASINOS	39.2	38.5	38.3	38.1	38.0	38.2	39.8	41.0	41.8	42.6	43.5	42.7	41.2
PERSONAL SERVICES	36.2	36.8	36.8	37.2	37.3	37.4	37.5	38.7	37.3	37.2	36.7	36.5	37.0
BUSINESS SERVICES	241.3	243.5	244.5	244.0	238.7	239.2	242.1	245.0	246.6	249.3	252.3	253.8	252.2
MEDICAL & OTH HEALTH SER	215.3	216.1	216.7	217.1	217.3	217.4	218.0	219.5	220.4	222.9	223.4	223.6	223.6
HOSPITALS	112.9	112.8	113.1	113.3	113.2	113.5	113.7	114.0	114.5	115.8	116.9	116.9	116.9
LEGAL SERVICES	28.1	28.6	28.7	28.6	28.8	28.7	28.8	28.9	28.9	29.8	29.8	29.7	29.6
EDUCATIONAL SERVICES	45.9	49.5	50.2	49.6	48.0	49.7	50.2	50.3	49.8	47.4	44.2	43.7	46.5
SOCIAL SERVICES	41.1	43.0	43.4	43.6	43.4	43.5	43.8	44.0	44.2	44.4	42.8	42.3	43.5
MISC. SERVICES	42.8	43.2	43.2	43.2	44.2	44.0	44.4	44.5	44.7	45.5	46.2	46.2	46.0
PUBLIC SECTOR	521.8	538.3	545.0	544.7	536.8	542.2	546.9	549.5	545.0	546.4	535.2	529.1	522.9
FEDERAL	76.0	76.4	76.5	76.6	76.5	76.6	77.3	77.5	77.6	77.9	77.9	77.4	77.6
LOCAL	333.7	345.2	350.1	350.5	348.4	349.0	350.2	352.2	350.6	352.6	342.5	337.5	332.0
LOCAL EDUCATION	177.1	191.4	196.4	195.6	193.7	194.6	195.8	197.6	195.6	195.7	168.6	162.1	175.1
STATE*	112.0	116.8	118.4	117.7	111.9	116.6	119.4	119.8	116.8	115.9	114.8	114.2	113.3
EXEC/LEG/JUD.(FULL)**	73.0	73.4	73.7	74.2	74.1	74.2	74.9	74.8	74.9	75.2	72.6	72.6	74.6

* THE TOTAL NUMBER OF STATE EMPLOYEES REPORTED UNDER THIS HEADING IS DETERMINED ON THE BASIS OF A DEFINITION DEVELOPED BY THE U.S. BUREAU OF LABOR STATISTICS WHICH IS STANDARDIZED THROUGHOUT THE NATION. THE DEFINITION INCLUDES BOTH FULL- AND PART-TIME WORKERS IN THE EXECUTIVE DEPARTMENTS, THE LEGISLATURE, AND THE JUDICIARY, AS WELL AS ALL EMPLOYEES OF AUTHORITIES, COMMISSIONS, THE STATE UNIVERSITY AND OTHER AGENCIES NOT INCLUDED ON THE CENTRAL STATE PAYROLL

** THIS SUB-CATEGORY OF STATE GOVERNMENT EMPLOYMENT IS LIMITED TO FULL-TIME EMPLOYEES OF THE EXECUTIVE DEPARTMENTS, THE LEGISLATURE, AND THE JUDICIARY. THE FIGURES ARE BASED ON THE CENTRAL STATE PAYROLL AND ARE PROVIDED BY THE DEPARTMENT OF TREASURY.

NEW JERSEY'S NONFARM PAYROLL WORKERS BY MAJOR INDUSTRIES, 1958-1986
(thousands)

Year	Total Nonfarm Payrolls	Goods Producing	Manufacturing	Mining	Contract Constr.	Private Service Producing	Transport. Comm., & Pub. Util.	Trade	Finance Ins. & Real Est.	Services	Public Sector
1959	1,970.9	901.8	801.9	3.6	96.3	835.6	147.0	360.3	86.7	241.6	233.5
1960	2,017.1	911.0	808.8	3.5	98.7	864.0	149.5	374.5	88.0	252.0	242.2
1961	2,033.6	894.9	791.5	3.4	100.0	885.0	150.1	380.1	90.6	264.2	253.6
1962	2,095.8	917.5	812.8	3.4	101.3	915.6	150.8	393.1	92.8	278.9	262.8
1963	2,129.4	914.1	809.4	3.5	101.2	943.2	151.9	405.3	94.5	291.5	272.1
1964	2,168.7	917.1	806.7	3.6	106.8	971.6	153.4	420.0	96.6	301.6	280.0
1965	2,257.8	951.6	837.5	3.5	110.6	1,011.0	157.0	438.5	99.9	315.6	295.4
1966	2,359.1	993.5	879.3	3.0	111.2	1,053.6	162.2	459.6	101.0	330.8	312.0
1967	2,421.5	997.7	882.8	2.8	112.2	1,094.6	166.3	472.0	104.7	351.6	329.2
1968	2,485.2	1,004.1	885.3	3.1	115.6	1,136.8	166.3	489.5	108.4	372.6	344.4
1969	2,569.6	1,013.9	892.5	3.3	118.1	1,195.6	176.2	514.9	111.3	393.2	360.1
1970	2,606.2	984.3	860.7	3.2	120.4	1,247.1	182.2	538.0	116.5	410.4	374.8
1971	2,607.6	938.9	818.3	3.0	117.6	1,280.8	181.1	558.3	120.4	421.0	388.0
1972	2,674.4	948.1	823.3	3.2	121.6	1,321.0	181.2	577.3	124.6	437.9	405.3
1973	2,760.8	972.7	842.6	3.3	126.8	1,371.1	186.4	596.9	131.0	456.8	417.1
1974	2,783.4	947.8	825.9	3.2	118.7	1,395.7	185.8	603.5	136.5	469.9	439.9
1975	2,699.9	849.9	747.9	2.8	99.2	1,379.9	174.3	599.3	135.2	471.1	470.2
1976	2,753.7	852.8	756.2	2.7	93.9	1,420.5	176.0	618.5	138.0	488.0	480.5
1977	2,836.9	865.1	767.3	2.9	94.9	1,468.2	178.2	637.3	142.9	509.8	504.0
1978	2,961.9	894.7	786.8	2.6	105.3	1,544.3	188.5	665.9	147.7	542.2	523.0
1979	3,027.2	915.5	799.1	2.6	113.7	1,593.9	190.4	678.6	153.9	571.0	517.8
1980	3,060.4	894.7	781.0	2.4	111.2	1,636.0	194.5	680.3	158.1	603.1	529.7
1981	3,098.9	882.1	771.1	2.3	108.7	1,687.8	196.5	690.6	161.8	638.9	529.0
1982	3,092.7	839.1	729.6	2.1	107.3	1,729.0	197.1	701.2	167.1	663.6	524.7
1983	3,165.1	829.2	715.1	2.0	112.1	1,814.7	203.0	735.3	172.7	703.7	521.2
1984	3,329.3	860.2	726.8	2.2	131.3	1,947.0	219.4	787.3	183.0	757.3	522.1
1985	3,414.3	856.2	713.0	2.2	141.0	2,026.9	226.0	813.2	194.9	792.8	531.1
1986	3,486.9	848.5	692.8	2.2	153.5	2,102.8	229.8	832.8	208.9	831.2	535.7

Year	Durable Goods	Lumber & Wood*	Furniture & Fixtures	Stone, Clay & Glass	Primary Metals	Fabricated Metals	Nonelectrical Mach.	Electrical Machinery	Transport. Equipment	Instruments*	Misc. Mfg.
1959	431.1	5.9	9.2	33.1	41.7	54.3	57.8	121.4	50.5	30.2	27.0
1960	436.8	5.7	9.8	33.7	42.6	54.8	61.0	122.3	48.5	31.7	26.8
1961	421.9	5.6	9.0	34.4	40.7	54.2	57.3	119.5	41.7	31.9	27.6
1962	436.3	5.8	9.7	34.6	40.1	56.1	60.3	125.2	42.5	32.4	29.9
1963	426.0	5.7	8.9	34.9	38.6	55.7	60.1	121.7	39.0	32.9	28.7
1964	419.1	5.6	9.0	35.6	37.9	57.2	61.4	115.1	35.6	31.0	30.7
1965	438.7	5.6	9.4	36.9	39.8	60.8	65.4	118.4	36.8	32.7	32.9
1966	463.4	5.2	10.5	39.3	40.4	64.7	70.8	129.9	36.4	34.3	31.9
1967	464.6	5.0	11.0	39.1	38.6	66.2	75.0	131.1	32.0	36.5	30.0
1968	460.9	5.3	10.2	38.8	38.5	67.5	75.8	127.6	31.7	35.8	29.7
1969	463.3	5.2	11.0	40.9	39.4	69.8	76.2	124.5	31.4	34.7	30.2
1970	434.3	4.9	10.5	39.6	37.2	67.0	72.8	115.2	26.3	33.2	27.5
1971	404.6	4.5	10.6	39.0	33.3	62.9	66.3	104.6	25.2	32.4	25.6
1972	405.9	5.1	10.8	39.9	31.8	63.5	65.8	102.9	25.7	35.1	25.2
1973	420.5	5.3	10.6	40.8	32.0	66.2	72.1	108.1	25.3	34.4	25.9
1974	413.2	5.0	10.3	40.5	31.2	64.4	76.1	105.1	21.1	33.9	25.6
1975	363.0	4.6	8.9	36.0	26.1	58.1	68.4	88.1	19.3	31.2	22.4
1976	363.0	5.3	8.7	36.1	23.9	59.4	67.5	86.8	19.8	31.3	24.0
1977	370.0	5.8	8.9	35.1	23.0	61.1	71.0	87.9	20.7	32.0	24.5
1978	382.8	6.0	10.0	35.2	24.5	64.1	74.2	89.8	20.9	32.3	25.7
1979	395.9	6.7	10.3	35.3	25.5	64.5	76.4	92.9	21.6	35.6	27.1
1980	384.3	5.9	9.7	33.1	25.7	60.8	75.1	92.2	18.5	37.2	26.1
1981	374.7	6.1	9.6	30.9	25.4	58.8	72.5	91.6	17.5	37.1	25.3
1982	350.1	5.5	9.9	27.1	21.8	54.3	66.5	90.9	14.7	35.7	23.6
1983	341.6	5.9	10.5	26.8	20.7	50.9	60.9	93.1	15.1	34.2	23.5
1984	346.2	6.4	12.6	26.2	21.6	51.1	59.9	95.0	16.1	33.5	23.9
1985	337.4	6.7	12.9	25.2	20.9	50.1	59.1	93.5	14.7	33.6	20.8
1986	324.2	6.8	13.0	24.5	19.9	49.2	55.9	89.8	12.0	32.8	20.2

Year	Nondurable Goods	Food	Tobacco	Textiles	Apparel	Paper	Printing & Publishing	Chemicals	Petroleum	Rubber & Plastics*	Leather
1959	370.8	62.3	1.8	33.2	79.2	28.3	31.5	82.4	11.8	29.3	11.1
1960	372.0	62.9	1.7	31.4	77.7	28.0	32.3	86.4	11.5	29.2	11.0
1961	369.6	63.9	1.6	29.1	76.4	28.1	32.6	87.0	11.1	29.2	10.8
1962	376.5	64.2	1.5	28.6	75.8	29.7	33.0	91.0	10.7	30.7	11.5
1963	383.4	64.9	1.4	27.9	74.5	31.4	34.6	94.8	10.5	31.7	11.7
1964	387.6	65.0	1.5	27.8	74.6	31.5	35.8	96.4	9.7	34.2	11.2
1965	398.8	66.4	1.4	28.5	77.3	31.3	37.5	98.9	9.8	36.0	11.5
1966	415.9	67.2	0.8	29.6	80.3	33.0	39.6	105.5	10.5	37.2	12.2
1967	418.1	65.3	0.6	29.1	78.5	33.7	41.5	110.9	9.6	37.7	11.3
1968	424.5	64.5	0.3	30.5	78.7	34.3	42.2	113.1	9.7	39.9	11.5
1969	429.2	63.2	0.3	30.8	77.2	35.0	43.3	117.4	10.0	41.4	10.6
1970	426.4	63.5	0.3	29.6	72.3	35.3	44.8	120.9	10.1	40.0	9.6
1971	413.7	61.8	0.3	29.4	69.8	35.9	43.8	117.5	10.1	36.8	9.5
1972	417.4	59.8	0.3	30.5	68.9	35.9	46.0	119.3	10.6	37.2	8.9
1973	422.1	58.7	0.2	31.3	68.7	36.8	46.9	124.1	10.9	35.5	9.0
1974	412.7	56.7	0.2	28.8	63.1	35.4	47.8	126.6	11.8	34.0	8.4
1975	384.9	53.6	0.2	24.5	57.9	32.1	46.4	121.0	12.1	29.3	7.9
1976	393.2	52.7	0.2	23.9	61.1	33.2	47.4	122.4	11.9	32.0	8.3
1977	397.3	50.2	0.3	22.8	59.7	33.4	49.7	127.2	11.9	34.2	7.9
1978	404.0	49.9	0.5	22.4	59.3	33.7	51.7	130.0	11.9	37.3	7.3
1979	403.3	49.5	0.4	21.5	56.5	33.9	54.3	129.6	11.9	38.8	6.9
1980	396.8	49.3	0.4	20.2	55.7	32.3	55.4	128.2	12.0	37.4	5.9
1981	396.4	48.1	0.3	19.0	56.1	31.3	57.7	128.9	11.8	37.3	5.9
1982	379.6	47.2	0.3	16.6	50.4	30.6	57.7	124.5	11.2	36.1	5.1
1983	373.5	47.7	0.3	15.4	50.6	31.2	58.0	119.1	10.3	36.2	4.7
1984	380.5	47.7	0.4	15.1	50.2	31.9	62.7	119.9	10.0	38.4	4.3
1985	375.6	48.1	0.3	14.0	46.8	30.0	65.6	120.2	9.3	37.1	4.0
1986	386.6	49.5	0.2	13.7	45.1	29.1	65.3	117.5	8.6	36.2	3.4

* Data from 1972 forward are not precisely comparable with earlier figures because of SIC revisions. The revisions caused noticeable changes between the original and revised 1972 averages such as lumber (+700), furniture (-500), rubber (+2,000), and instruments (+3,000).

AVERAGE WEEKLY GROSS DOLLAR EARNINGS OF PRODUCTION WORKERS IN NEW JERSEY

(NOT SEASONALLY ADJUSTED)

	1986 SEP	OCT	NOV	DEC	1987 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
TOTAL MANUFACTURING	418.18	416.75	425.76	428.28	426.22	425.60	428.08	424.54	427.22	428.86	428.40	427.99	430.03
DURABLE GOODS	429.00	428.16	429.77	436.90	436.54	433.25	436.35	428.49	433.06	433.89	432.22	434.09	437.85
LUMBER & WOOD PRODUCTS	318.76	315.22	346.90	336.66	327.35	324.37	320.02	318.27	324.82	333.31	339.08	330.08	334.96
FURNITURE & FIXTURES	347.78	345.69	347.36	348.47	341.94	343.10	343.56	342.10	348.91	348.91	342.50	351.41	348.71
STONE,CLAY,GLASS PRODUCTS	443.83	435.74	441.23	447.69	445.36	440.91	442.80	437.00	452.17	447.73	453.25	448.35	459.36
GLASS & GLWR./PRESS,BLOWN	468.60	460.56	461.29	465.70	456.23	465.77	467.09	457.10	479.98	453.96	467.41	459.02	475.65
POTTERY & REL. PRODUCTS	412.89	402.73	394.06	417.87	415.15	414.29	417.37	407.90	403.01	418.50	432.90	430.02	454.21
PRIMARY METAL INDUSTRIES	456.72	420.27	432.16	429.24	428.38	427.68	432.46	429.78	430.77	436.37	432.63	428.11	434.87
BLAST FURN. & BASIC STEEL	487.13	478.76	495.25	498.15	499.07	491.81	497.45	499.22	501.03	509.18	495.04	498.30	502.65
IRON & STEEL FOUNDRIES*	456.18	453.63	463.87	433.13	434.15	442.20	442.68	449.10	448.35	456.88	471.71	453.14	461.12
PRIMARY & NONFER. METALS*	588.14	422.81	424.54	436.29	423.60	428.58	435.24	421.34	391.17	397.60	387.48	381.61	390.25
NONFER. ROLL. & DRAWING	452.09	384.19	404.75	408.98	406.39	407.22	412.69	402.19	406.22	410.39	399.17	398.90	404.76
FAB. METALS, INCL. ORD.	417.58	431.04	428.03	436.22	443.47	440.37	445.17	427.66	433.05	432.41	426.17	430.12	434.00
METAL CANS	490.04	491.46	483.64	504.19	496.62	494.80	492.36	495.45	483.30	485.32	467.61	473.50	484.40
CUTLERY, TOOLS & HRDWR.	548.23	627.88	588.27	572.68	610.06	622.86	614.43	543.49	553.40	527.62	528.20	539.54	585.69
FAB. STRUCT. METAL PROD.*	379.47	376.79	386.78	396.53	399.63	393.84	404.70	385.70	404.58	406.62	400.26	394.90	399.63
METAL STAMPINGS	400.55	401.31	416.96	460.96	456.29	446.61	468.26	464.94	464.12	481.11	471.16	474.72	399.63
MACHINERY, EXCEPT ELEC.	451.96	451.12	454.30	464.58	459.38	451.19	457.45	447.79	453.18	453.02	453.60	453.61	453.61
CONSTR. & REL. MACH.*	410.80	411.72	446.13	442.49	455.80	449.08	455.67	433.32	440.82	459.67	443.70	440.82	445.90
METALWORKING MACHINERY	474.30	465.87	477.93	479.13	466.55	454.12	459.67	463.54	471.32	460.32	462.64	449.35	461.98
SPECIAL INDUSTRY MACH.	530.61	540.57	563.65	570.21	572.23	560.77	576.22	563.05	581.27	580.29	585.85	595.01	606.68
GENERAL INDUSTRY MACH.	464.36	446.20	450.53	483.94	470.38	482.66	490.48	473.48	483.32	474.31	479.97	484.63	474.55
REFRIG/SVC IND MACH.	466.77	465.02	442.24	445.95	446.71	426.06	437.18	427.85	419.18	421.60	414.67	423.60	411.84
ELECTRICAL EQUIP. & SUP.	435.54	437.61	437.22	445.21	446.24	443.64	441.98	439.82	438.07	441.31	443.22	447.86	448.26
ELEC. TEST & DIST. SUP.*	323.05	332.07	338.66	322.14	314.71	315.63	318.89	318.44	316.88	319.71	309.14	308.92	321.31
ELEC. LIGHTING & WIRING*	316.83	316.17	321.64	309.32	313.39	312.53	307.20	305.37	307.30	326.61	325.97	326.04	316.77
RADIO & TV REC. EQUIP.	345.45	351.43	360.87	421.87	417.73	407.95	390.57	410.23	415.30	395.28	389.60	402.05	399.78
COMMUNICATION EQUIPMENT	575.07	581.23	582.54	602.06	601.18	592.96	595.72	592.11	581.63	578.34	584.77	589.40	601.35
ELEC. COMP. & ACCESS.	315.95	310.44	311.65	312.03	312.43	313.63	312.04	308.48	311.59	312.78	315.95	311.12	312.76
TRANSPORTATION EQUIPMENT	598.09	561.17	539.74	570.29	578.60	579.90	573.29	554.55	559.02	557.86	538.41	560.25	571.62
MOTOR VEHICLES & EQUIP.	675.09	606.42	574.07	605.44	612.02	616.90	608.19	582.33	598.24	593.45	566.75	595.33	620.86
INSTRUMENTS & REL. PROD.	418.18	419.99	427.04	433.25	428.87	428.06	440.77	435.56	442.21	447.07	440.96	438.61	447.07
MISC. MFG. INDUSTRIES	326.14	332.93	344.40	344.35	336.94	338.96	346.39	341.78	347.13	344.97	342.86	346.72	349.97
NONDURABLE GOODS	409.86	406.82	421.69	421.65	416.93	418.37	420.43	420.56	422.42	425.89	424.11	422.50	423.20
FOOD & KINDRED PRODUCTS	422.47	426.17	448.24	442.39	435.90	438.01	434.84	441.32	445.77	453.60	449.86	442.90	448.67
PRESERV FRUITS/VEG*	415.59	434.85	433.84	460.10	462.44	453.26	442.02	437.41	434.93	444.08	432.60	428.64	421.06
GRAIN MILL & BAK. PROD	438.04	419.60	467.18	419.05	426.78	430.81	425.30	436.59	454.27	461.74	463.70	456.09	441.19
BEVERAGES*	396.38	455.46	448.04	496.08	487.30	471.50	480.99	481.15	478.71	517.44	513.76	504.30	495.24
TEXTILE MILL PRODUCTS	350.24	346.25	352.94	350.20	348.82	343.40	349.16	347.65	355.18	369.73	352.33	359.79	352.78
APPAREL & OTHER TEXT. PROD.	245.39	237.85	245.02	244.84	244.93	248.43	253.76	247.45	249.88	253.11	254.53	253.47	248.12
MEN'S & BOYS' STS AND CTS	209.96	202.55	205.52	211.42	211.87	210.53	214.14	209.39	216.40	212.81	213.33	212.62	212.91
MEN'S & BOYS' FURN.	219.04	233.10	240.37	248.38	239.23	242.26	250.00	240.47	243.89	242.93	240.77	247.65	245.10
WOMEN'S & CHILD UNDERGAR	249.56	250.69	260.18	242.68	251.02	255.30	262.96	260.07	274.28	266.87	273.44	278.75	277.49
PAPER & ALLIED PRODUCTS	443.39	442.04	451.36	469.65	465.15	466.31	463.05	462.35	462.03	457.53	463.32	459.46	457.73
PAPERBOARD CONT. & BOXES	437.76	437.84	445.88	450.66	440.08	441.50	439.21	439.03	445.05	446.22	443.72	445.79	433.88
PRINTING AND PUBLISHING	386.05	390.29	392.36	393.02	386.05	380.28	387.83	385.02	393.75	388.19	383.93	394.32	396.55
NEWSPAPERS	422.36	435.74	421.20	430.27	420.83	426.01	424.96	432.12	422.88	424.53	435.75	435.67	446.95
COMMERCIAL PRINTING*	450.54	464.13	465.11	474.78	456.80	455.00	457.81	453.49	459.42	455.90	445.44	460.60	457.41
CHEMICALS & ALLIED PROD.	519.96	526.68	533.80	536.36	524.15	530.42	529.58	531.30	532.98	535.93	530.87	526.68	534.67
INDUSTRIAL INORG CHEM.*	552.13	556.74	570.24	564.14	542.26	543.49	527.90	510.46	522.49	536.31	526.26	544.43	561.11
PLASTIC MAT. & SYN.	555.56	563.77	569.40	575.90	599.28	599.85	603.29	603.40	605.25	607.39	622.74	638.55	650.70
DRUGS	530.42	530.88	527.09	526.49	521.21	536.78	519.97	517.34	528.64	535.92	516.24	513.59	514.70
SOAPS, CLNRS & TOILET GDS.*	406.46	411.08	435.78	449.49	433.70	420.55	429.30	432.32	430.66	434.57	437.78	428.27	429.84
PAINTS & ALLIED PRODUCTS*	513.42	506.60	513.40	525.31	510.25	530.19	514.84	503.86	506.04	509.46	523.13	524.59	533.83
INDUST ORGAN. CHEMICALS	642.34	642.97	642.68	632.87	616.88	635.26	652.93	668.16	661.02	651.33	648.81	630.52	651.70
PETROLEUM & COAL PROD.	713.66	630.85	762.85	715.14	703.84	713.09	715.32	726.38	726.08	734.94	753.42	773.24	754.52
PETROLEUM REFINING	757.73	671.58	840.42	779.20	767.23	772.13	777.92	788.54	788.51	804.94	818.45	836.13	823.21
RUBBER & PLAS. PROD., NEC	348.20	346.09	355.75	368.51	359.06	357.42	365.50	361.20	358.23	363.72	353.97	354.19	361.21
RUBBER & RUBBER PRODUCTS*	359.04	361.62	363.91	368.24	364.81	365.72	370.82	364.49	366.50	363.85	353.43	354.50	356.04
MISCELLANEOUS PLAS. PROD.	345.27	343.54	354.46	368.50	357.00	355.75	364.23	360.39	356.14	364.19	353.57	354.65	362.37
LEATHER & LEATHER PROD.	267.08	266.05	276.64	249.57	258.14	256.12	254.89	247.87	257.42	266.00	257.66	253.27	259.01

WEEKLY EARNINGS ARE AFFECTED BY PREMIUM PAY, SHIFT DIFFERENTIALS, PIECEWORK AND INCENTIVE PAYMENTS, LENGTH OF WORKWEEK, AND OTHER FACTORS.

* DATA FROM 1986 FORWARD ARE NOT COMPARABLE WITH EARLIER ESTIMATES BECAUSE OF SIGNIFICANT DIFFERENCES BETWEEN ORIGINAL AND REVISED ESTIMATES.

AVERAGE WEEKLY HOURS OF PRODUCTION WORKERS IN NEW JERSEY

(NOT SEASONALLY ADJUSTED)

	1986 SEP	OCT	NOV	DEC	1987 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
TOTAL MANUFACTURING	41.2	41.1	41.7	41.5	41.3	41.2	41.4	40.9	41.0	41.0	40.8	40.8	40.8
DURABLE GOODS	42.1	42.1	42.3	42.5	42.3	41.9	42.2	41.4	41.6	41.6	41.4	41.5	41.7
LUMBER & WOOD PRODUCTS	40.4	39.8	43.2	42.4	41.7	41.8	41.4	40.7	40.4	41.2	41.2	40.7	41.2
FURNITURE & FIXTURES	41.8	41.4	41.7	40.9	41.0	40.7	40.9	40.2	40.6	41.0	40.2	41.1	40.5
STONE,CLAY,GLASS PRODUCTS	43.3	43.1	43.3	42.8	42.7	42.6	42.7	42.1	42.9	42.6	42.8	42.7	43.5
GLASS & GLWR./PRESS,BLOWN	44.0	44.2	44.1	44.1	43.7	44.7	44.4	43.7	44.9	43.4	44.6	43.8	45.0
POTTERY & REL. PRODUCTS	40.4	39.6	38.9	39.2	39.5	38.9	39.3	38.3	38.2	38.5	39.0	39.2	40.7
PRIMARY METAL INDUSTRIES	45.4	44.1	45.3	44.9	44.3	44.0	44.4	43.5	43.6	43.9	43.7	43.2	43.4
BLAST FURN. & BASIC STEEL	43.3	42.9	44.9	45.0	44.8	43.6	44.1	43.6	44.3	45.1	44.2	45.3	45.0
IRON & STEEL FOUNDRIES*	44.9	44.3	45.3	43.4	42.9	44.0	43.4	43.1	42.7	44.4	45.4	44.6	44.9
PRIMARY & NONFER. METAL*	42.1	39.7	39.9	40.1	39.7	39.5	40.3	39.9	38.2	40.0	39.1	38.9	39.7
NONFER. ROLL. & DRAWING	50.4	46.4	48.3	48.4	47.2	46.7	47.6	45.6	45.9	44.9	44.6	43.5	43.9
FAB. METALS, INCL. ORD.	41.8	42.3	41.8	42.6	42.6	42.1	42.6	41.4	41.8	41.9	41.7	41.8	42.3
METAL CANS	45.5	44.8	42.8	45.3	44.5	44.1	44.0	45.0	45.0	44.0	42.9	43.6	43.6
CUTLERY, TOOLS & HARDWARE	40.4	44.0	42.2	41.2	41.9	42.4	42.2	39.1	39.5	38.4	38.0	38.9	40.9
FAB. STRUCT. METAL PROD.*	41.7	41.0	41.5	42.5	42.2	41.5	42.6	40.6	42.1	42.4	42.9	42.1	42.2
METAL STAMPINGS	40.5	39.0	40.6	43.0	41.9	41.2	42.3	42.0	41.7	43.5	42.6	43.0	42.2
MACHINERY, EXCEPT ELEC.	42.2	42.2	42.3	42.7	42.3	41.7	42.2	41.5	42.0	41.6	41.5	41.2	41.2
CONSTRUCTION & REL. MACH.*	40.0	39.1	41.5	40.3	41.1	40.9	41.2	39.5	39.5	41.3	40.3	39.5	39.6
METALWORKING MACHINERY	45.0	44.2	44.5	44.2	43.4	42.6	43.0	43.2	43.4	42.9	42.6	41.8	42.5
SPECIAL INDUSTRY MACH.	43.6	44.2	45.9	45.8	45.2	44.4	45.3	44.3	45.2	45.3	45.1	45.7	46.1
GENERAL INDUSTRY MACH.	42.1	41.2	41.6	42.6	41.7	42.6	43.1	42.2	43.0	41.9	42.4	42.4	41.7
REFRIG/SVC IND MACH.	43.1	43.5	41.8	41.6	41.4	40.5	41.4	41.1	40.5	40.0	38.9	39.7	39.0
ELECTRICAL EQUIP. & SUPP.	42.0	42.2	42.0	42.2	41.9	41.5	41.5	40.8	40.6	40.9	40.7	40.9	40.9
ELEC. TEST & DIST. SUPP.*	39.3	40.2	41.2	39.0	38.1	37.8	38.7	38.0	37.5	38.8	37.7	37.4	38.9
ELEC. LIGHT. & WIRING*	42.3	42.1	42.1	40.7	40.7	40.8	40.0	39.2	39.6	41.5	40.9	41.8	41.3
RADIO & TV REC. EQUIPMENT	39.3	39.8	39.7	41.4	41.4	41.0	40.1	40.9	41.2	40.5	40.0	40.9	40.3
COMMUNICATION EQUIPMENT	43.5	43.8	43.8	45.2	44.4	43.6	43.9	43.0	42.3	42.0	42.1	42.1	42.2
ELECTRON. COMP. & ACCESS.	40.3	39.8	39.4	39.2	39.8	39.5	39.7	38.9	38.9	39.0	39.2	38.6	38.9
TRANSPORTATION EQUIPMENT	44.6	43.2	42.2	43.7	43.8	43.7	43.3	42.3	42.0	41.6	40.3	41.5	42.0
MOTOR VEHICLES & EQUIP.	45.8	43.1	41.3	43.0	43.1	43.2	42.8	41.3	42.1	41.5	39.8	41.4	42.7
INSTRUMENTS & REL. PROD.	40.6	40.5	41.3	41.9	41.8	41.6	42.3	41.8	41.6	41.9	41.6	41.3	41.9
MISCELL. MFG. INDUSTRIES	39.2	39.4	41.0	40.8	40.4	40.4	40.8	40.4	40.6	40.3	40.1	40.6	40.6
NONDURABLE GOODS	40.5	40.2	41.1	40.7	40.4	40.5	40.7	40.4	40.5	40.6	40.2	40.2	40.0
FOOD & KINDRED PRODUCTS	41.5	41.7	43.1	41.5	41.2	41.4	41.1	41.4	41.7	42.0	41.5	41.2	41.2
PRESERV FRUITS/VEGS*	43.7	44.6	44.0	42.8	43.3	42.4	41.7	41.5	41.7	42.7	42.0	41.9	41.2
GRAIN MILL & BAKERY PROD	40.9	40.0	42.9	39.2	39.7	40.3	39.6	40.5	41.6	41.9	41.7	41.5	40.7
BEVERAGES*	37.5	39.4	40.4	42.4	41.9	41.0	41.5	41.3	40.5	42.0	41.6	40.9	40.1
TEXTILE MILL PRODUCTS	43.4	42.8	43.2	42.5	42.8	42.5	43.0	42.5	43.0	43.6	42.5	43.4	42.3
APPAREL & OTHER TEXTILE	36.3	35.5	36.9	35.9	35.6	35.9	36.2	35.4	35.8	35.8	35.9	35.7	34.8
MEN'S & BOYS' STS AND CTS	36.9	36.3	36.7	38.3	37.7	37.0	37.7	36.8	37.7	37.8	38.3	37.9	36.9
MEN'S & BOYS' FURN.	35.5	37.0	39.6	39.3	38.4	39.2	40.0	39.1	39.4	39.5	38.4	39.0	38.0
WOMEN'S & CHILD UNDERGAR	34.0	34.2	34.1	32.1	32.6	32.9	33.8	33.3	34.2	33.4	33.8	34.8	34.6
PAPER & ALLIED PROD.	43.3	43.0	43.4	44.9	44.3	44.2	44.1	43.7	43.1	42.8	42.9	42.9	42.5
PAPERBOARD CONT. & BOXES	43.3	42.8	43.8	44.4	43.4	43.2	43.4	43.0	43.0	42.7	41.9	42.7	41.8
PRINTING AND PUBLISHING	37.7	37.6	37.8	37.9	37.7	37.1	37.8	37.2	37.5	36.9	36.6	37.2	37.2
NEWSPAPERS	33.1	33.7	32.5	33.2	32.1	32.2	32.0	32.2	31.7	31.4	31.9	32.2	32.6
COMMERCIAL PRINTING*	39.8	40.5	40.2	41.0	40.0	39.6	40.3	39.4	39.3	38.8	38.6	39.2	38.6
CHEMICALS & ALLIED PROD.	42.0	41.9	42.5	42.4	42.1	42.4	42.4	42.2	42.3	42.5	42.3	41.8	42.1
INDUSTRIAL INORG CHEM.*	44.1	43.7	44.0	43.8	42.9	43.1	42.3	41.4	41.9	42.7	41.9	42.6	43.7
PLASTIC MATERIALS & SYN.	42.9	43.3	43.3	44.3	45.4	45.0	45.6	45.3	45.0	45.6	46.3	47.3	48.2
DRUGS	41.7	40.9	41.7	41.1	41.3	42.2	41.3	40.8	41.3	42.0	41.2	40.6	40.4
SOAPS, CLNERS & TOIL GDS.*	39.5	39.3	40.5	41.2	40.8	39.9	40.5	40.3	40.4	40.5	41.3	40.1	39.8
PAINTS & ALLIED PROD.*	43.0	42.5	42.5	43.2	42.1	43.0	42.2	41.3	42.1	42.0	42.6	41.8	42.3
INDUST ORGAN. CHEMICALS	44.7	44.9	45.1	44.6	44.0	44.8	45.5	46.4	46.0	45.2	44.5	44.0	45.1
PETROLEUM & COAL PROD.	43.2	40.7	44.9	42.9	42.4	42.7	43.3	43.6	43.4	44.3	44.9	45.7	45.1
PETROLEUM REFINING	43.2	40.9	46.0	43.8	43.2	43.5	44.2	44.4	44.1	45.4	45.8	46.4	46.3
RUBBER & PLASTIC PROD NEC	41.7	41.9	42.2	42.8	41.8	42.0	42.5	42.0	41.8	42.0	40.5	40.9	41.0
RUBBER & RUBBER PROD.*	40.8	41.0	41.4	40.6	40.4	41.0	41.9	41.0	41.6	41.3	40.3	40.7	41.4
MISCELLANEOUS PLASTIC	41.8	42.1	42.4	43.2	42.0	42.2	42.6	42.2	41.8	42.2	40.5	41.0	40.9
LEATHER & LEATHER PROD.	40.9	41.7	42.3	37.7	38.3	38.0	38.1	37.9	39.3	40.0	38.4	38.2	38.6

AVERAGE HOURS WORKED OR PAID FOR ARE AFFECTED BY LABOR TURNOVER, CHANGES IN OVERTIME HOURS, AND PART-TIME EMPLOYMENT.

* DATA FROM 1986 FORWARD ARE NOT COMPARABLE WITH EARLIER ESTIMATES BECAUSE OF SIGNIFICANT DIFFERENCES BETWEEN ORIGINAL AND REVISED ESTIMATES.

AVERAGE HOURLY GROSS DOLLAR EARNINGS OF PRODUCTION WORKERS IN NEW JERSEY

(NOT SEASONALLY ADJUSTED)

	1986 SEP	OCT	NOV	DEC	1987 JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
TOTAL MANUFACTURING	10.15	10.14	10.21	10.32	10.32	10.33	10.34	10.38	10.42	10.46	10.50	10.49	10.54
DURABLE GOODS	10.19	10.17	10.16	10.28	10.32	10.34	10.34	10.35	10.41	10.43	10.44	10.46	10.50
LUMBER & WOOD PRODUCTS	7.89	7.92	8.03	7.94	7.85	7.76	7.73	7.82	8.04	8.09	8.23	8.11	8.13
FURNITURE & FIXTURES	8.32	8.35	8.33	8.52	8.34	8.43	8.40	8.51	8.52	8.51	8.52	8.55	8.61
STONE,CLAY,GLASS PRODUCTS	10.25	10.11	10.19	10.46	10.43	10.35	10.37	10.38	10.54	10.51	10.59	10.50	10.56
GLASS & GLWR./PRESS,BLOWN	10.65	10.42	10.46	10.56	10.44	10.42	10.52	10.46	10.69	10.46	10.48	10.48	10.57
POTTERY & REL. PRODUCTS	10.22	10.17	10.13	10.66	10.51	10.65	10.62	10.65	10.55	10.87	11.10	10.97	11.16
PRIMARY METAL INDUSTRIES	10.06	9.53	9.54	9.56	9.67	9.72	9.74	9.88	9.88	9.94	9.90	9.91	10.02
BLAST FURN. & BASIC STEEL	11.25	11.16	11.03	11.07	11.14	11.28	11.28	11.45	11.31	11.29	11.20	11.00	11.17
IRON & STEEL FOUNDRIES*	10.16	10.24	10.24	9.98	10.12	10.05	10.20	10.42	10.50	10.29	10.39	10.16	10.27
PRIMARY & NONFER. METAL*	13.97	10.65	10.64	10.88	10.67	10.85	10.80	10.56	10.24	9.94	9.91	9.81	9.83
NONFER. ROLL. & DRAWING	8.97	8.28	8.38	8.45	8.61	8.72	8.67	8.82	8.85	9.14	8.95	9.17	9.22
FAB. METALS, INCL. ORD.	9.99	10.19	10.24	10.24	10.41	10.46	10.45	10.33	10.36	10.32	10.22	10.29	10.26
METAL CANS	10.77	10.97	11.30	11.13	11.16	11.22	11.19	11.01	10.74	11.03	10.90	10.86	11.11
CUTLERY, TOOLS & HARDWARE	13.57	14.27	13.94	13.90	14.56	14.69	14.56	13.90	14.01	13.74	13.90	13.87	14.32
FAB. STRUCT. METAL PROD.*	9.10	9.19	9.32	9.33	9.47	9.49	9.50	9.50	9.61	9.59	9.33	9.38	9.47
METAL STAMPINGS	9.89	10.29	10.27	10.72	10.89	10.84	11.07	11.07	11.13	11.06	11.06	11.04	9.47
MACHINERY, EXCEPT ELEC.	10.71	10.69	10.74	10.88	10.86	10.82	10.84	10.79	10.79	10.89	10.93	11.01	11.01
CONSTRUCTION & REL. MACH.*	10.27	10.53	10.75	10.98	11.09	10.98	11.06	10.97	11.16	11.13	11.01	11.16	11.26
METALWORKING MACHINERY	10.54	10.54	10.74	10.84	10.75	10.66	10.69	10.73	10.86	10.73	10.86	10.75	10.87
SPECIAL INDUSTRY MACH.	12.17	12.23	12.28	12.45	12.66	12.63	12.72	12.71	12.86	12.81	12.99	13.02	13.16
GENERAL INDUSTRY MACH.	11.03	10.83	10.83	11.36	11.28	11.33	11.38	11.22	11.24	11.32	11.32	11.43	11.38
REFRIG/SVC IND MACH.	10.83	10.69	10.58	10.72	10.79	10.52	10.56	10.41	10.35	10.54	10.66	10.67	10.56
ELECTRICAL EQUIP. & SUPP.	10.37	10.37	10.41	10.55	10.65	10.69	10.65	10.78	10.79	10.79	10.89	10.95	10.96
ELEC. TEST & DIST. SUPP.*	8.22	8.24	8.22	8.26	8.26	8.35	8.24	8.38	8.45	8.24	8.20	8.26	8.26
ELEC. LIGHT. & WIRING*	7.49	7.51	7.64	7.60	7.70	7.66	7.68	7.79	7.76	7.87	7.97	7.80	7.67
RADIO & TV REC. EQUIPMENT	8.79	8.83	9.09	10.19	10.09	9.95	9.74	10.03	10.08	9.76	9.74	9.83	9.92
COMMUNICATION EQUIPMENT	13.22	13.27	13.30	13.32	13.54	13.60	13.57	13.77	13.75	13.77	13.89	14.00	14.25
ELECTRON. COMP. & ACCESS.	7.84	7.80	7.91	7.96	7.85	7.94	7.86	7.93	8.01	8.02	8.06	8.06	8.04
TRANSPORTATION EQUIPMENT	13.41	12.99	12.79	13.05	13.21	13.27	13.24	13.11	13.31	13.41	13.36	13.50	13.61
MOTOR VEHICLES & EQUIP.	14.74	14.07	13.90	14.08	14.20	14.28	14.21	14.10	14.21	14.30	14.24	14.38	14.54
INSTRUMENTS & REL. PROD.	10.30	10.37	10.34	10.34	10.26	10.29	10.42	10.42	10.63	10.67	10.60	10.62	10.67
MISCELL. MFG. INDUSTRIES	8.32	8.45	8.40	8.44	8.34	8.39	8.49	8.46	8.55	8.56	8.55	8.54	8.62
NONDURABLE GOODS	10.12	10.12	10.26	10.36	10.32	10.33	10.33	10.41	10.43	10.49	10.55	10.51	10.58
FOOD & KINDRED PRODUCTS	10.18	10.22	10.40	10.66	10.58	10.58	10.58	10.66	10.69	10.80	10.84	10.75	10.89
PRESERV FRUITS/VEG*	9.51	9.75	9.86	10.75	10.68	10.69	10.60	10.54	10.43	10.40	10.30	10.23	10.22
GRAIN MILL & BAKERY PROD	10.71	10.49	10.89	10.69	10.75	10.69	10.74	10.78	10.92	11.02	11.12	10.99	10.84
BEVERAGES*	10.57	11.56	11.09	11.70	11.63	11.50	11.59	11.65	11.82	12.32	12.35	12.33	12.35
TEXTILE MILL PRODUCTS	8.07	8.09	8.17	8.24	8.15	8.08	8.12	8.18	8.26	8.48	8.29	8.29	8.34
APPAREL & OTHER TEXTILE	6.76	6.70	6.64	6.82	6.88	6.92	7.01	6.99	6.98	7.07	7.09	7.10	7.13
MEN'S & BOYS' STS AND CTS	5.69	5.58	5.60	5.52	5.62	5.69	5.68	5.69	5.74	5.63	5.57	5.61	5.77
MEN'S & BOYS' FURN.	6.17	6.30	6.07	6.32	6.23	6.18	6.25	6.15	6.19	6.15	6.27	6.35	6.45
WOMEN'S & CHILD UNDERGAR	7.34	7.33	7.63	7.56	7.70	7.76	7.78	7.81	8.02	7.99	8.09	8.01	8.02
PAPER & ALLIED PROD.	10.24	10.28	10.40	10.46	10.50	10.55	10.50	10.58	10.72	10.69	10.80	10.71	10.77
PAPERBOARD CONT. & BOXES	10.11	10.23	10.18	10.15	10.14	10.22	10.12	10.21	10.35	10.45	10.59	10.44	10.38
PRINTING AND PUBLISHING	10.24	10.38	10.38	10.37	10.24	10.25	10.26	10.35	10.50	10.52	10.49	10.60	10.66
NEWSPAPERS	12.76	12.93	12.96	12.96	13.11	13.23	13.28	13.42	13.34	13.52	13.66	13.53	13.71
COMMERCIAL PRINTING*	11.32	11.46	11.57	11.58	11.42	11.49	11.36	11.51	11.69	11.75	11.54	11.75	11.85
CHEMICALS & ALLIED PROD.	12.38	12.57	12.56	12.65	12.45	12.51	12.49	12.59	12.60	12.61	12.55	12.60	12.70
INDUSTRIAL INORG CHEM.*	12.52	12.74	12.96	12.88	12.64	12.61	12.48	12.33	12.47	12.56	12.56	12.78	12.84
PLASTIC MATERIALS & SYN.	12.95	13.02	13.15	13.00	13.20	13.33	13.23	13.32	13.45	13.32	13.45	13.50	13.50
DRUGS	12.72	12.98	12.64	12.81	12.62	12.72	12.59	12.68	12.80	12.76	12.53	12.65	12.74
SOAPS, CLNERS & TOIL GDS.*	10.29	10.46	10.76	10.91	10.63	10.54	10.60	10.73	10.66	10.73	10.60	10.68	10.80
PAINTS & ALLIED PROD.*	11.94	11.92	12.08	12.16	12.12	12.33	12.20	12.20	12.02	12.13	12.28	12.55	12.62
INDUST ORGAN. CHEMICALS	14.37	14.32	14.25	14.19	14.02	14.18	14.35	14.40	14.37	14.41	14.58	14.33	14.45
PETROLEUM & COAL PROD.	16.52	15.50	16.99	16.67	16.60	16.70	16.52	16.66	16.73	16.59	16.78	16.92	16.73
PETROLEUM REFINING	17.54	16.42	18.27	17.79	17.76	17.75	17.60	17.76	17.88	17.73	17.87	18.02	17.78
RUBBER & PLASTIC PROD NEC	8.35	8.26	8.43	8.61	8.59	8.51	8.60	8.60	8.57	8.66	8.74	8.66	8.81
RUBBER & RUBBER PROD.*	8.80	8.82	8.79	9.07	9.03	8.92	8.85	8.89	8.81	8.81	8.77	8.71	8.60
MISCELLANEOUS PLASTIC	8.26	8.16	8.36	8.53	8.50	8.43	8.55	8.54	8.52	8.63	8.73	8.65	8.86
LEATHER & LEATHER PROD.	6.53	6.38	6.54	6.62	6.74	6.74	6.69	6.54	6.55	6.65	6.71	6.63	6.71

HOURLY EARNINGS INCLUDE PAID HOLIDAYS, VACATION, AND SICK LEAVE. THEY ARE AFFECTED BY CHANGES IN WORK FORCE COMPOSITION AND IN WAGE RATES.

* DATA FROM 1986 FORWARD ARE NOT COMPARABLE WITH EARLIER ESTIMATES BECAUSE OF SIGNIFICANT DIFFERENCES BETWEEN ORIGINAL AND REVISED ESTIMATES.

NEW JERSEY LABOR FORCE DATA
(THOUSANDS)

	SEP 1987	AUG 1987	SEP 1986	NET CHANGE FROM MONTH AGO	NET CHANGE FROM YEAR AGO
CIVILIAN LABOR FORCE	3,884	4,022	3,886	-138.0	- 2.0
TOTAL EMPLOYMENT	3,732	3,867	3,720	-135.0	12.0
TOTAL UNEMPLOYMENT	153	155	166	- 2.0	-13.0
SEASONALLY ADJUSTED UNEMP. TOTAL	176	171	189	5.0	-13.0
UNEMPLOYMENT RATE	3.9	3.9	4.3	0.0	- 0.4
SEASONALLY ADJUSTED UNEMP. RATE	4.5	4.3	4.8	0.2	- 0.3

NOTE: BASED ON U.S. BUREAU OF LABOR STATISTICS METHOD.

SEASONALLY ADJUSTED
CHARACTERISTICS OF THE NEW JERSEY INSURED UNEMPLOYED*
(REGULAR STATE UI PROGRAM ONLY)
(THOUSANDS)

	SEP 1987	AUG 1987	SEP 1986	NET CHANGE FROM MONTH AGO	NET CHANGE FROM YEAR AGO
TOTAL INSURED UNEMPLOYED (UNADJ.)	58.9	68.1	72.0	- 9.2	-13.1
TOTAL INSURED UNEMPLOYED	68.9	72.1	84.2	- 3.2	-15.3
MALE	38.0	40.7	48.2	- 2.7	-10.2
FEMALE	30.7	31.9	36.1	- 1.2	- 5.4
WHITE, NOT HISPANIC	43.3	43.3	50.5	0.0	- 7.2
BLACK, NOT HISPANIC	14.7	16.3	19.5	- 1.6	- 4.8
HISPANIC	9.9	11.4	13.6	- 1.5	- 3.7
OTHER**	0.7	0.6	0.2	+ 0.1	+ 0.5
MANUFACTURING	22.4	23.1	29.6	- 0.7	- 7.2
DURABLE GOODS	9.4	10.1	13.3	- 0.7	- 3.9
NONDURABLE GOODS	13.0	13.0	16.3	0.0	- 3.3
NONMANUFACTURING	45.9	48.6	54.5	- 2.7	- 8.6
CONTRACT CONSTRUCTION	6.1	6.8	9.7	- 0.7	- 3.6
TRANS. & PUBLIC UTILITIES	4.5	4.5	5.0	0.0	- 0.5
WHOLESALE & RETAIL TRADE	14.1	15.7	16.9	- 1.6	- 2.8
FINANCE/INS/REAL ESTATE	3.5	3.0	2.5	- 0.5	+ 1.0
SERVICES	14.7	15.4	16.0	- 0.7	- 1.3
BY AGE OF CLAIMANT					
UNDER 25	8.0	8.1	11.5	- 0.1	- 3.5
25 THROUGH 34	22.8	23.8	26.3	- 1.0	- 3.5
35 THROUGH 44	14.9	15.8	18.7	- 0.9	- 3.8
45 THROUGH 54	11.3	11.6	14.0	- 0.3	- 2.7
55 THROUGH 64	9.4	10.0	11.0	- 0.6	- 1.6
65 AND OVER	2.4	2.5	2.5	- 0.1	- 0.1
BY DURATION OF UNEMPLOYMENT					
1 TO 2 WEEKS	6.4	7.0	7.9	- 0.6	- 1.5
3 TO 4 WEEKS	6.7	7.9	8.4	- 1.2	- 1.7
5 THROUGH 14 WEEKS	37.3	36.6	43.8	- 0.7	- 6.5
15 WEEKS AND OVER	17.6	20.3	22.9	- 2.7	- 5.3

*DATA ARE FOR CLAIMANTS IN THE WEEK INCLUDING THE 19TH OF THE MONTH AND ARE SEASONALLY ADJUSTED, EXCEPT AS NOTED. THE DATA ON CHARACTERISTICS OF THE INSURED UNEMPLOYED UNDER THE REGULAR STATE UI PROGRAM ARE BASED ON A 3% SAMPLE OF ALL INSURED UNEMPLOYED. INDUSTRY DATA ARE FOR SELECTED CATEGORIES AND DO NOT ADD TO TOTALS.
**NOT SEASONALLY ADJUSTED

RESIDENTIAL CONSTRUCTION AUTHORIZED BY BUILDING PERMITS IN NEW JERSEY

	August[1] 1987	July[2] 1987	Year to Date[3] 1987	1986	% Change
TOTAL DWELLING UNITS AUTHORIZED	2,890	3,442	26,704	29,326	- 8.9
Private Units	2,890	3,410	26,672	29,254	- 8.8
Single Family	1,829	2,603	19,205	22,063	-13.0
Two-Family	112	108	1,138	1,468	-22.5
Three-or-Four Family	131	47	388	269	44.2
Five or More Family	818	652	5,941	5,454	8.9
Public Units	0	32	32	72	-55.6
ESTIMATED VALUE OF RESIDENTIAL PERMITS (000)	$263,936	$303,448	$2,285,914	$2,101,852	8.8
New Buildings	$212,227	$240,089	$1,851,656	$1,775,132	4.3
Additions and Alterations	$ 51,709	$ 63,359	$ 434,258	$ 326,720	32.9

[1]Based on reports received from 437 of 567 municipalities.

[2]Based on reports received from 437 of 567 municipalities.

[3]Does not include any late reports.

SOURCE: N.J. Department of Labor

OFFICIAL BLS SAMPLE ESTIMATES
STANDARD ERRORS AND COEFFICIENTS OF VARIATION
(not seasonally adjusted)

		RESIDENT EMPLOYMENT (in thousands)			UNEMPLOYMENT (in thousands)			UNEMPLOYMENT RATE (percent of labor force)		
Year	Month	Estimate	Standard Error	Coefficient of Variation	Estimate	Standard Error	Coefficient of Variation	Estimate	Standard Error	Coefficient of Variation
1985	Jan	3,513	±60	1.7%	253	±30	11.9%	6.7%	±.8	11.9%
	Feb	3,556	±60	1.7%	252	±30	11.9%	6.6%	±.8	12.1%
	Mar	3,572	±60	1.7%	253	±30	11.9%	6.6%	±.8	12.1%
	Apr	3,605	±60	1.7%	228	±29	12.7%	5.9%	±.7	11.9%
	May	3,631	±60	1.7%	190	±26	13.7%	5.0%	±.7	14.0%
	Jun	3,666	±60	1.6%	213	±28	13.1%	5.5%	±.7	12.7%
	Jul	3,710	±59	1.6%	236	±29	12.3%	6.0%	±.7	11.7%
	Aug	3,686	±59	1.6%	171	±25	14.6%	4.4%	±.6	13.6%
	Sep	3,632	±60	1.7%	182	±26	14.3%	4.8%	±.7	14.6%
	Oct	3,605	±60	1.7%	209	±27	12.9%	5.5%	±.7	12.7%
	Nov	3,634	±60	1.7%	216	±28	13.0%	5.6%	±.7	12.5%
	Dec	3,621	±60	1.7%	207	±27	13.0%	5.4%	±.7	13.0%
1986	Jan	3,569	±60	1.7%	263	±31	11.8%	6.9%	±.8	11.6%
	Feb	3,625	±60	1.7%	247	±30	12.1%	6.4%	±.8	12.5%
	Mar	3,630	±60	1.7%	188	±26	13.8%	4.9%	±.7	14.3%
	Apr	3,660	±60	1.6%	180	±26	14.4%	4.7%	±.7	14.9%
	May	3,712	±59	1.6%	206	±27	13.1%	5.3%	±.7	13.2%
	Jun	3,780	±59	1.6%	201	±27	13.4%	5.0%	±.7	14.0%
	Jul	3,772	±59	1.6%	227	±29	12.8%	5.7%	±.7	12.3%
	Aug	3,775	±59	1.6%	176	±25	14.2%	4.5%	±.6	13.3%
	Sep	3,720	±59	1.6%	166	±25	15.1%	4.3%	±.6	14.0%
	Oct	3,674	±60	1.6%	186	±26	14.0%	4.8%	±.7	14.6%
	Nov	3,729	±59	1.6%	158	±24	15.2%	4.1%	±.6	14.6%
	Dec	3,701	±59	1.6%	151	±23	15.2%	3.9%	±.6	15.4%
1987	Jan	3,639	±60	1.6%	174	±25	14.4%	4.6%	±.7	15.2%
	Feb	3,707	±59	1.6%	188	±26	13.8%	4.8%	±.7	14.6%
	Mar	3,781	±59	1.6%	169	±25	14.8%	4.3%	±.6	14.0%
	Apr	3,785	±59	1.6%	149	±23	15.4%	3.8%	±.6	15.8%
	May	3,862	±58	1.5%	167	±25	15.0%	4.2%	±.6	14.3%
	Jun	3,862	±58	1.5%	167	±25	15.0%	4.1%	±.6	14.6%
	Jul	3,843	±59	1.5%	181	±26	14.4%	4.5%	±.6	13.3%
	Aug	3,867	±58	1.5%	155	±24	15.5%	3.9%	±.6	15.4%
	Sep	3,732	±59	1.6%	153	±24	15.7%	3.9%	±.6	15.4%
	Oct									
	Nov									
	Dec									

Data Notes

Standard errors can be used to construct confidence intervals around each sample estimate. A 90% confidence interval means that, if repeated samples were drawn from the same population, the interval of plus or minus 1.645 standard error around each sample estimate would contain, in 9 out of 10 cases, the true value based on a complete census of the population.

The standard errors and coefficients of variation are developed on the basis of past observed variation in New Jersey's sample data. They cannot be applied to seasonally adjusted data because a source of variation, namely seasonal patterns, have already been eliminated by the seasonal adjustment procedure.

Standard errors (S.E.) and coefficient of variation (C.V.) for all years are based on 1985 CPS sample parameters.

COMPARATIVE US AND NJ
CIVILIAN LABOR FORCE TRENDS
SEASONALLY ADJUSTED
(000)
1986 BENCHMARK

DATE	LABOR FORCE		EMPLOYMENT		UNEMPLOYMENT VOLUME		UNEMPLOYMENT RATE(%)	
	US	NJ	US	NJ	US	NJ	US	NJ
1970	82,771	2,996.0	78,678	2,859.0	4,093	138.0	4.9	4.6
1971	84,382	3,012.0	79,367	2,840.0	5,016	172.0	5.9	5.7
1972	87,034	3,117.0	82,153	2,935.0	4,882	182.0	5.6	5.8
1973	89,429	3,190.0	85,064	3,011.0	4,365	180.0	4.9	5.6
1974	91,949	3,226.0	86,794	3,023.0	5,156	204.0	5.6	6.3
1975	93,775	3,264.0	85,846	2,929.0	7,929	334.0	8.5	10.2
1976	96,158	3,318.0	88,752	2,973.0	7,406	346.0	7.7	10.4
1977	99,009	3,383.0	92,017	3,065.0	6,991	317.0	7.1	9.4
1978	102,251	3,457.0	96,048	3,209.0	6,202	248.0	6.1	7.2
1979	104,962	3,570.0	98,824	3,323.0	6,137	247.0	5.8	6.9
1980	106,940	3,594.0	99,303	3,334.0	7,637	260.0	7.1	7.2
1981	108,670	3,593.0	100,397	3,330.0	8,273	263.0	7.6	7.3
1982	110,204	3,632.0	99,526	3,306.0	10,678	326.0	9.7	9.0
1983	111,550	3,673.0	100,834	3,385.0	10,717	288.0	9.6	7.8
1984	113,544	3,825.0	105,005	3,589.0	8,539	236.0	7.5	6.2
1985	115,461	3,835.0	107,150	3,617.0	8,312	217.0	7.2	5.7
1986	117,834	3,892.0	109,597	3,696.0	8,237	196.0	7.0	5.0
1986								
JAN	116,794	3,875.0	108,892	3,645.0	7,902	230.0	6.8	5.9
FEB	117,042	3,889.0	108,557	3,666.0	8,485	223.0	7.2	5.7
MAR	117,187	3,834.0	108,807	3,670.0	8,380	164.0	7.2	4.3
APR	117,292	3,851.0	108,969	3,664.0	8,323	187.0	7.1	4.9
MAY	117,587	3,891.0	109,165	3,685.0	8,422	206.0	7.2	5.3
JUN	118,005	3,928.0	109,613	3,728.0	8,392	200.0	7.1	5.1
JUL	118,117	3,904.0	109,887	3,698.0	8,230	206.0	7.0	5.3
AUG	118,124	3,916.0	110,067	3,724.0	8,057	192.0	6.8	4.9
SEP	118,272	3,918.0	109,987	3,729.0	8,285	189.0	7.0	4.8
OCT	118,414	3,876.0	110,192	3,674.0	8,222	202.0	6.9	5.2
NOV	118,675	3,914.0	110,432	3,737.0	8,243	177.0	6.9	4.5
DEC	118,586	3,900.0	110,637	3,727.0	7,949	173.0	6.7	4.4
1987								
JAN	119,034	3,857.0	111,011	3,718.0	8,023	139.0	6.7	3.6
FEB	119,349	3,908.0	111,382	3,746.0	7,967	162.0	6.7	4.1
MAR	119,222	3,965.0	111,368	3,819.0	7,854	146.0	6.6	3.7
APR	119,335	3,946.0	111,835	3,791.0	7,500	155.0	6.3	3.9
MAY	119,993	4,003.0	112,447	3,836.0	7,546	167.0	6.3	4.2
JUN	119,517	3,977.0	112,257	3,809.0	7,260	168.0	6.1	4.2
JUL	119,952	3,930.0	112,727	3,771.0	7,224	159.0	6.0	4.0
AUG	120,302	3,986.0	113,081	3,815.0	7,221	171.0	6.0	4.3
SEP	119,861	3,916.0	112,772	3,740.0	7,089	176.0	5.9	4.5

SOURCE: U.S. BUREAU OF LABOR STATISTICS

MONTHLY AVERAGES FOR INDICATORS
SERIES 1 THROUGH 36

	INDICATOR SERIES	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
1	CIVILIAN LABOR FORCE (THOU)	3318.0	3383.0	3457.0	3570.0	3594.0	3593.0	3632.0	3673.0	3825.0	3835.0	3892.0
2	RESIDENT EMPLOYMENT (THOU)	2973.0	3065.0	3209.0	3323.0	3334.0	3330.0	3306.0	3385.0	3589.0	3617.0	3696.0
3	RESIDENT UNEMPLOYMENT (THOU)	346.0	317.0	248.0	247.0	260.0	263.0	326.0	288.0	236.0	217.0	196.0
4	LABOR FORCE PART RATE (%)	61.6	62.2	62.9	64.3	64.2	63.5	63.6	63.6	65.6	65.4	65.7
5	EMPLOYMENT POP RATIO (%)	55.2	56.4	58.4	59.8	59.5	58.8	57.9	58.6	61.5	61.7	62.4
6	UNEMPLOYMENT RATE (%)	10.4	9.4	7.2	6.9	7.2	7.3	9.0	7.8	6.2	5.7	5.0
7	NONFARM PAYROLL EMPLOY (THOU)	2753.7	2836.9	2961.9	3027.2	3060.4	3098.9	3092.8	3165.1	3329.3	3414.3	3486.9
8	PRIV SECTOR NONFARM EMP (THOU)	2273.2	2332.9	2438.9	2509.4	2530.7	2569.9	2568.1	2643.9	2807.2	2883.2	2951.2
9	PUB SECTOR EMPLOYMENT (THOU)	480.5	504.0	523.0	517.8	529.7	529.3	524.7	521.2	522.1	531.1	535.7
10	MANUFACTURING EMP (THOU)	756.2	767.3	786.8	799.1	781.0	771.1	729.6	715.1	726.8	713.0	692.8
11	CONSTRUCTION EMPLOYMENT (THOU)	93.1	94.5	105.3	113.7	111.2	108.7	107.3	112.1	131.3	141.0	153.5
12	SERVICE-PRODUCING IND (THOU)	1420.5	1468.2	1544.3	1593.9	1636.1	1687.8	1729.0	1814.7	1947.0	2026.9	2102.7
13	MANUFACT PROD WRKRS (THOU)	509.7	517.2	528.5	530.7	509.9	503.1	467.7	457.1	457.9	440.7	424.2
14	MANUFACT WORKWEEK (HOURS)	40.4	41.1	40.8	41.2	40.7	40.6	39.9	40.6	41.1	40.8	41.2
15	AGGREG MANUFACT HOURS (THOU)	20611	21268	21538	21838	20726	20449	18676	18551	18842	17971	17456
16	WKLY EARNINGS OF PROD WKRS ($)	215.33	239.20	256.22	276.45	297.16	327.16	345.53	369.87	390.45	402.29	416.93
17	CONSUMER PRICE INDEX (1967=100)	170.5	181.5	195.3	217.7	247.0	272.3	288.6	297.4	307.6	318.5	323.4
18	NET SPENDABLE EARNINGS ($)	105.33	110.16	110.17	108.75	103.33	101.55	102.84	106.00	107.46	105.79	106.82
19	NEW BUSINESS INCORPS (NO)	1523.0	1614.0	1698.0	1764.0	1790.0	2009.0	1867.0	2185.0	2304.0	2538.0	2761.0
20	BUSINESS FAILURES (NO)	55.0	45.0	35.0	35.0	36.0	43.0	43.0	57.0	84.0	83.0	75.0
21	ELEC POWER SALES (MIL OF KWH)	1313.0	1305.0	1366.0	1383.0	1362.0	1359.0	1269.0	1282.0	1309.0	1303.0	1299.0
22	TOTAL CONST CONTRACTS ($MIL)	174.0	399.7	345.3	300.2	296.9	295.5	308.8	468.5	536.8	671.1	673.3
23	RESID CONST CONTRACTS ($MIL)	67.7	93.6	113.6	141.3	108.8	108.6	116.1	228.2	242.3	347.5	339.7
24	NONRES CONST CONTRACTS ($MIL)	63.0	76.3	100.2	112.3	129.0	132.8	132.8	176.6	215.5	221.9	242.8
25	TOTAL DWELLING UNITS (NO)	2267.0	2354.0	2630.0	2495.0	1627.0	1526.0	1572.0	2609.0	2660.0	3555.0	3817.0
26	SINGLE FAMILY DWELL UNITS (NO)	1440.0	1599.0	1917.0	1630.0	1085.0	920.0	978.0	1664.0	1841.0	2427.0	2815.0
27	MULTI-FAMILY DWELL UNITS (NO)	640.0	589.0	510.0	673.0	392.0	469.0	498.0	790.0	671.0	915.0	788.0
28	RETAIL SALES ($MIL)	1819.0	2006.0	2300.0	2550.0	2721.0	2855.0	2980.0	3240.0	3541.0	3851.0	4232.0
29	RETAIL SALES IN 1967 $ ($MIL)	1081.0	1138.0	1235.0	1245.0	1183.0	1145.0	1155.0	1222.0	1295.0	1376.0	1519.0
30	NEW PASSENGER CAR REG (NO)	29986	36077	34662	31275	30448	26665	27018	29171	36104	37885	45956
31	WEEKS CLAIMED WKLY AVG. (THOU)	140.3	125.3	118.0	125.5	135.0	126.5	138.9	112.7	93.7	93.4	84.9
	INSURED UNEMP RATE (%)	6.4	5.6	5.1	4.7	4.7	4.3	4.7	3.8	3.1	3.0	2.6
32	INITIAL CLAIMS WEEKLY AVG (NO)	14599	14458	14228	16175	16346	15029	15842	12891	11363	10758	10500
33	EXHAUSTIONS (NO)	16343	14881	11145	12125	13112	13686	16597	14369	12150	9644.0	8919.0
34	INSURED UNEMP IN MFG (THOU)	48.9	43.5	40.6	42.0	50.9	43.3	54.6	41.0	33.4	36.2	30.3
35	INSURED UNEMP IN CONST (THOU)	17.0	14.0	11.2	11.1	13.9	12.4	14.0	11.8	8.7	9.1	9.7
36	INS UNEMP PRIV SERV-PROD (THOU)	60.1	56.7	51.7	53.8	57.9	59.5	61.7	54.5	43.4	42.0	40.9

NOTE: SEE PAGES S-1 TO S-3 FOR DATA SOURCES. DATA SHOWN USING LATEST AVAILABLE BENCHMARKS.
SEE APPROPRIATE PAGES FOR MONTHLY DATA.